DX LISTENING DIGEST 16-22, June 1, 2016
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, http://www.worldofradio.com

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For restrixions and searchable 2016 contents archive see http://www.worldofradio.com/dxldmid.html [also linx to previous years]

NOTE: If you are a regular reader of DXLD, and a source of DX news but have not been sending it directly to us, please consider yourself obligated to do so. Thanks, Glenn

WORLD OF RADIO 1828 CONTENTS: \*DX and station news about: Albania, Armenia, Bangladesh, Bhutan, Bougainville, Brazil, Chile, Cuba and non, Egypt, France, Greece, India, Indonesia, Iran, Korea North non, Liberia, Lithuania, Malaysia, Peru, Russia non, Rwanda, Uganda non, USA and non, Vatican, Zambia

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SHORTWAVE AIRINGS of WORLD OF RADIO 1828, June 2-8, 2016
Thu 1130 WRMI
               9955 [confirmed]
Thu 2100 WRMI 13695 [confirmed]
Thu 2330 WBCQ
              9330v-CUSB [confirmed]
Fri 0830
         Unique Radio NSW 3210 low-power
Fri 2130
                15770 [confirmed]
         WRMI
Fri 2130 WRMI
                13695 [confirmed]
Fri 2330 WBCQ
                 9330v-CUSB [confirmed]
                 6190-CUSB Hamburger Lokalradio [confirmed in Spain]
Sat 0630 HLR
Sat 0700 Unique Radio NSW 3210 low-power
Sat 1400 Unique Radio NSW 3210 low-power
Sat 1430 HLR
                 7265-CUSB Hamburger Lokalradio [confirmed in Blgria]
Sat 1930v WAORCR 1860-AM
Sat 2230 WBCO
                 9330v-CUSB [confirmed]
Sun 0310v WAORCR 1860-AM [confirmed from 0317]
Sun 0830 Unique Radio NSW 3210 low-power
Sun 2330 WBCQ
                 9330v-CUSB [confirmed]
Mon 0030 WRMI
                 7730 [confirmed]
                 5130v-AM Area 51 [confirmed on webcast but 5130 off]
Mon 0300v WBC0
Mon 0330 WRMI
                 9955 [confirmed]
Mon 2330 WBCO
                 9330v-CUSB [confirmed]
Tue 1100 WRMI
                 9955
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Tue 2130 WRMI 15770
Tue 2330 WBCQ 9330v-CUSB
Wed 1315 WRMI 9955
Wed 2100 WBCQ 7490v
Wed 2330 WBCQ 9330v-CUSB

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:

http://www.worldofradio.com/radioskd.html or

http://schedule.worldofradio.org or http://sked.worldofradio.org

For updates see our Anomaly Alert page: http://www.worldofradio.com/anomaly.html

### WORLD OF RADIO PODCASTS:

Tnx to Dr Harald Gabler and the Rhein-Main Radio Club. http://www.rmrc.de/index.php/rmrc-audio-plattform/podcast/glenn-hauser-wor

ALTERNATIVE PODCASTS, tnx Stephen Cooper:

http://shortwave.am/wor.xml

AND ANOTHER PODCAST ALTERNATIVE, tnx to Keith Weston: http://feeds.feedburner.com/GlennHausersWorldOfRadio

Also via [but still not back in service]: http://tunein.com/radio/World-of-Radio-p198/

### OUR ONDEMAND AUDIO:

http://www.worldofradio.com/audiomid.html
or http://wor.worldofradio.org

## DAY-BY-DAY ARCHIVE OF GLENN HAUSER'S LOG REPORTS:

Unedited, uncondensed, unchanged from original version, many of them too complex, minutely researched, multi-frequency, opinionated, inconsequential, off-topic, or lengthy for some log editors to manage; and also ahead of their availability in these weekly issues: http://www.hard-core-dx.com/index.php?topic=Hauser

NOTE: I have \*resolved\* to make DXLD leaner, more selective, as I seriously need to reduce my workload, much of which has been merely editing gobs of material into presentable form. This makes it even more important to be a member of the DXLD yg for additional material which may not make it into weekly issues (gh)

DXLD YAHOOGROUP: Why wait for DXLD? A lot more info, not all of it appearing in DXLD later, is posted at our yg without delay.

When applying, please identify yourself with your real name and

location, and say something about why you want to join. Those who do not, unless I recognize them, will be prompted once to do so and no action will be taken otherwise. Here's where to sign up: http://groups.yahoo.com/group/dxld/

\*\* ALASKA. 1170, KJNP, North Pole ñ Granted STA with reduced power (unspecified), isolation choke for the tower lights failed, changing the base resistance of the tower (AM Switch, NRC DX News June 6 via DXLD) North Pole is a suburb of Fairbanx. Was 50/21 kW U1 (gh, DXLD)

\*\* ALBANIA. There are voices that: RTSH on AM broadcasting abroad might be closed one pretty day soon (Drita «iÁo, RTSH-Head of Monitoring Center, Radio Tirana, May 27, WORLD OF RADIO 1828, DX LISTENING DIGEST)

That would be a shame and the end of an era! The remaining Shijak transmitter needs to be repaired or replaced; or R. Tirana relayed from somewhere else, such as prevailing upon CRI for some airtime via CÎrrik (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

[and non]. 9855, May 28 at 0131, no signal from R. Tirana, must be off as propagation is OK for Turkey Spanish, 9870 at S6, 9770 at S8. \*0133, Shijak comes on with hum, no program, then a trace of modulation but cut back off at 0134\*; \*0140:29 finally comes back on, and off and on with hum and off again within a minute, still off at 0148 check. Really having transmitter problems.

9855, May 29 at 0123, 0130, 0134 chex, NO signal from R. Tirana, unlike last night when they tried several times to keep the transmitter on air and modulate it. UT Monday is silent, so not until UT Tuesday will we know whether it`s fixed --- unless we check other daily scheduled broadcasts from same single transmitter, such as 23-24 UT Albanian on 9855 too (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

Checked the Balkan / southern EUR, exYUG, Italy, Greece, Kosovo, Macedonia morning service of Radio Tirana Shijak from 0700 UT May 29th onwards. 7389.979 kHz exact frequency measured in SDR software defined PERSEUS radio set, Made in Italy. POWERHOUSE S=9+35dB or -38dBm powerful signal noted in Italy, Switzerland and southern Germany.

But audio contained some BUZZ audio strings of main power 50 / 100 / 150 / 200 and 300 Hertz visible, - just to mention. SEE attached SCREENSHOT, and listen to the audio recording in ogg.format, taken from AUDACITY software.

One of the two female presenter voice, noted as heavy disturbed voice terribly. Maybe one of the microphones on the broadcasthouse studio

was wrong aligned on the sound level? regards de (Wolfy df5sx Bschel, Stuttgart, Germany, http://topnews.wwdxc.de DX LISTENING DIGEST)

9854.977, UT Tue May 31 at 0148, R. Tirana can be detected on the air under storm noise level, and also with some modulation, after transmission problems on May 28 and 29 (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* ANDAMAN & NICOBAR ISLANDS. 4760, AIR, Port Blair. Heard in the vernacular at weak level. Being the weekend, it signed off at 1730\*. Mixed with another station AIR Delhi and also some ute QRM. 15/5 (Rob Shepherd, Toowoomba QLD (Marconi CR-100 (B28), JRC NRD-535D, 2 x 70 metre (229í) longwires), June Australian DX News via DXLD)

The other 4760 is not Delhi, but Leh, KASHMIR, perhaps relaying Delhi (Glenn Hauser, DX LISTENING DIGEST)

\*\* ANGUILLA. 11775, University Network; 1820, 26-May; Phone number and rather low-key get-on-the-phone music, instead of the usual kneeslapper. Definitely Deceased Dead Dr. Gene on The Devil & Demons at war with the Church; a Decidedly Damnable & Dastardly Deadlock. Such Debauchery! SIO=453+ (Harold Frodge, Midland MI, DX LISTENING DIGEST)

\*\* ANTARCTICA. Re: DXLD 16-21; WOR 1827 - concerning the selling of an AFAN QSL:

I have AFAN QSL from February 26, 1983 in the Antarctica section of http://www.kg4lac.com QSL indicates the following in all caps

"Welcome to the club: You are one of the few individuals who have heard the American Forces Radio Station in Antarctica. AFAN broadcasts 24 hours per day from 77 51 south, 166 39 east. AFAN serves the military and civilian people working with the United States Antarctic program. Listen again."

QSL signed by Terk O. Husbands USN, AFAN Station Manager

According to my logbook, reception was 22222 using FRG-7700 and a DA100D active antenna. Reception was from 1122 until 1138 UT. Report to AFAN was sent via postal mail and I included a .20 stamp for a reply. I received the AFAN QSL in 44 days. 73, (Kraig, KG4LAC, Krist, May 27, dxldyg via DX LISTENING DIGEST) continued at GRENADA [and non]

I got a QSL letter from AFAN McMurdo for a broadcast heard on Nov. 20, 1976 on 6012 kHz in Cape Town, South Africa. One of my very first QSLs. I'm proud of it. I will never sell it! Maybe we will never know why he sold the AFAN QSL.

I also have QSLs of former VOA relay station Belize heard on 1580 kHz, of former RIAS Berlin (former West Berlin), of former Radio Grenada? Should I sell my rare QSLs from ORTF Radio Tahiti, Radio Bhutan or Laos Radio? Definitely, NO! For me these QSLs are part of my life, they are part of MY history. 73, (Manfred R. Reiff, Germany, ibid.)

At least one QSL of AFAN McMurdo 6012 of 1988 reception is in Finland. If memory serves it was heard on Finnish Lapland DX-pedition (Jari Savolainen, Kuusankoski, Finland, ibid.)

Hi Manfred and Jari, Received two AFAN McMurdo QSL cards, for different receptions here in California (Ron Howard, ibid.)

\*\* ARGENTINA. 1660, 0727, Radio Revivir, presumed the one here with Pentecostal-style religion, invite to a rally at Parque Presidente (Sarmiento??). Clear signal, some heavy fading, 20/5 (Paul Ormandy, Waianakarua, New Zealand DX-pedition, TS-2000, 425m Beverage aimed at SAm. 15m Vertical GP, June NZ DX Times via DXLD)

\*\* ARGENTINA. 15343.922 kHz, Radio Nacional, Spanish service from Buenos Aires on weekends. S=9+20dB at 2145 UT on May 28, heard here in southern Germany. It's strange modulation, distorted, not easily to understand program content. Approx. 6.2 kHz bandwidth. 73 wb df5sx (Wolfgang B\_schel, dxldyg via DX LISTENING DIGEST)

15343.72, Radio Nacional, General Pacheco, 1934-1950, 29-05, soccer, live, San Lorenzo de Almagro vs Lan's. 34433 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

Drifting further and further downward (gh, DXLD)

15345 [sic], May 30, 2016. 1848-1858, RAE, Gral. Pacheco, in English. Argentinean singer playing your [her?] songs; YL talks, ID RAE continues with a transmitter problem, presumed; fair signal and very distorted modulation, 35432 (DXer: Josè Ronaldo Xavier (JRX), Cabedelo-PB, Brazil, Sony ICF-SW100S Antenna: Portable Telescopic, Hard-Core-DX mailing list via DXLD)

\*\* ARMENIA. Test transmission of Radio 700 via Yerevan Gavar: Radio - People & Stories, see also under Germany.

Christian {at R700 Kall}, ist das die 8fach gestockte A80 / A81 Vorhangantenne in 305 Grad?

Gavar-ARM antenna site image download link
<https://app.box.com/s/wk1dqo8ep4amrdcdjg82m7h9cft5xh4m>

<https://app.box.com/s/5i09fl72c5ylrjujvojazyerrkfjci74>
73 wb df5sx (Wolfgang B<sub>s</sub>schel, wwdxc BC-DX TopNews May 22, BC-DX 28
May via DXLD)

1300-1400 17760 ERV 100 kW 305 deg to WeEUR German on Sunday May 29

Just wanted to highlight the news from Ivo Ivanov and also on the WRTH Facebook page:

"GERMANY/ARMENIA Test transmission of Radio 700 via Yerevan Gavar: 1300-1400 on 17760 ERV 100 kW / 305 deg to WeEu German on Sun May 29"

This is the German program Radio - Menschen & Geschichten (Radio - People & Stories); see

http://www.shortwaveservice.com/empfangen/das-magazin-radio-menschen-undgeschichten/

-- (Richard Langley, NB, dxldyg via DX LISTENING DIGEST)

Sonntag, 29. Mai 2016 um

10 Uhr MESZ (08 Uhr UTC) auf 6045 kHz und 7310 kHz

12 Uhr MESZ (10 Uhr UTC) auf 6005 kHz

15 Uhr MESZ (13 Uhr UTC) auf 17760 kHz Erewan Gavar Armenien <<<<<<

19 Uhr MESZ (17 Uhr UTC) auf 3985 kHz

wb (Wolfgang B schel, via roger, dxldyg via DXLD)

http://www.rhci-online.net/radiogram/VoA\_Radiogram\_2016-05-28.htm#Gavar http://www.rhci-online.net/radiogram/VoA\_Radiogram\_2016-05-28.htm#Armenia

Nauen, Rohrbach, Kall, Weenermoor, G^hren, Datteln, Moosbrunn: http://www.rhci-online.net/files/D-06193\_Petersberg\_150km\_mapping+foF2.png (roger, dxldyg via DX LISTENING DIGEST)

GERMANY [non], Radio Menschen & Geschichten from R 700 via Armenia on 17760 kHz heard with excellent signal from 1310UT (tune-in).

http://www.shortwaveservice.com/empfangen/das-magazin-radio-menschen-undgeschichten/

(Alan Roe, Teddington, UK, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

15 Uhr MESZ (13 Uhr UT) auf 17760 kHz Erewan Gavar Armenien <<<<<

Der Sender Erewan kann schon seit 1244 UT geh^rt werden. Zwar st^rt RRI Chinesisch aus Ziganeschti auf 17755 kHz noch, - bis 1257 UT.

17760 kHz hier mit Signal S=9+15dB oder -56dBm geh^rt. Und 10 x 50 Hertz Brummt^ne wie ein Gartenzaun auf jedem Seitenband auch, nur der 350 Hertz String ist etwas 'unterbelichtet'. wb df5sx (B\_schel, DXLD)

Peaking at 20 over S9 at the Twente receiver (Richard Langley, 1338 UT, dxldyg via DX LISTENING DIGEST)

### German version:

Der Empfang war heute morgen von 0800-0900 UT auf 6045 kHz via Nauen am besten - nahezu st^rungsfrei (Signalst‰rke: S9+40). Kein Empfang um 0800 UT auf 7310 kHz m^glich (tote Zone oder off-air - auf dem ELAD keine Aktivit‰t). Um 1000 UT auf 6005 kHz mittelm‰fliger Empfang (0=3), m‰flig starkes Signal, mittelstarkes Fading.

Der Empfang zur Zeit (1300-1400 UT) auf 17760 kHz via Gavar, Armenien schlechter als auf 6045 kHz (Signalst‰rke: max. S9+20, Signalst‰rke schwankte im Takt des m‰flig starken Fadings). Laut ILGRadio Database wird mit 100 kW gesendet. Mehrmals QRM durch etwas, dass wie Radarsignale klang (wie einst OTHR aus Sowjetunion auf vielen Rundfunkb‰ndern) auf 17750 kHz zwischen 1315 und 1330.

## English version:

Best reception from 0800 to 0900 UT on 6045 kHz via Nauen - nearly with no disturbances. No reception at 0800 on 7310 kHz because of "dead zone or transmitter off-air (on ELAD no activity). Reception at 1000 UT was fair, fair signal, moderate fading.

Actual reception (1300-1400 UT) on 17760 kHz via Gavar, Armenia is not as good as on 6045 kHz (signal strength: max. S9+20 varyiing defending on fading, fading was moderate). According to ILGRadio Database transmitting with 100 kW. Several times QRM from what sounded like radar signals (sounding like former OTHR from Soviet Union all over the shortwave bands) on 17750 kHz during time slot 1315-1330. 73, (Manfred Reiff, Germany, dxldyg via DX LISTENING DIGEST)

Here in NW England reception of 17760 at 1340UT tune in is fair to good, peaking to S7+ and dropping to zero on the S meter.

The audio sounds harsh, even distorted, in AM mode, and better using one of the sidebands. No interference noted - both sidebands are empty. VOA via Thailand made a crash start as MESZ closed at 1400 with something else co-channel - assumed to be China, as this broadcast is in Tibetan (Noel R. Green, NW England

Hi Noel, yeah, you're right. At 1400 UT Voice of America started its transmission in Tibetan on 17760 kHz, heard here with AOR AR-7030plus and with the ELAD FDM-S2, both at S9+20. In the display the ELAD showed another signal on this QRG ranging from 17750 to 17770 kHz. According to the ILGRadio Database it is a Chinese jammer with DRM modulated CNR 1 via Kashi II with 10 kW. According to the database there is a second Chinese jammer active from Dongfang in AM operating

with 250 kW. VOA dominated the frequency this time. Often the jammers make it impossible to listen to VOA or RFA broadcasts in languages spoken in China. Even certain VOA English programmes directed to particular regions (Zimbabwe and East Asia) are jammed too from neurotic Chinese jamming fetishists. 73, (Manfred Reiff, ibid.)

29/5, 17760, 1300-1400, RADIO 700 test transmission via TX Gavar. Armenia, German language, strong signal. Audioclip is available here: http://swli05639fr.blogspot.it/2016/05/audioclip-radio-700-test-transmission.html 73's de (Francesco Cecconi, CENTRAL ITALY, ICOM R71, ANT 100 mt LW, noticiasdx yg via DXLD)

\*\* AUSTRALIA. 3210, 1918 20/5, Unique R, Halls Creek, NSW, with backback English 1960s/70s pops. Poor sig. We heard a weak carrier both evenings around 08-0900z but no audio, both mornings around 1930z we heard back-back music. Quickly confirmed Ian Wells' e-mail report (Paul Ormandy, Waianakarua, New Zealand DX-pedition, TS-2000, 425m Beverage aimed at SAm. 15m Vertical GP, June NZ DX Times via DXLD)

3210, 1926 21/5, Unique Radio extremely weak with music including Neil Diamond ëSweet Carolineí no announcements heard. Rapid emailed confirmation within an hour that power is only 100w (Ian Wells, Waianakarua, New Zealand DX-pedition, Icom R-71E with a EWE to the north east, ibid.)

Ian Wells, Mosgiel tells of successes after going up coast. iAfter enjoying a very successful weekend at Waianakarua, I can report two confirmations already. I received an emailed confirmation within an hour of reporting Unique Radio, Tamworth, Australia on 3210 kHz. Timothy Gaynor <manager@uniqueradio.info> says current output is only 100 watts so heis surprised the signal made it over here, but he thinks reception will improve when they shift the transmitter to Gunnedah (June NZ DX Times via DXLD)

3210, Unique Radio. Fair to good level at 1325, playing old time pop hits. No announcements heard. 15/5 (Rob Shepherd, Toowoomba QLD (Marconi CR-100 (B28), JRC NRD-535D, 2 x 70 metre (229í) longwires), June Australian DX News via DXLD)

Good morning! I received an emailed QSL (PDF format) from Unique Radio NSW this morning after only seven hours sent by Timothy Gaynor ("Aussie Tim"?). I heard the station via Internet stream on 26-05-2016. Unfortunately it is nearly impossible to listen to them via 3210 kHz, but I'll try to listen to Unique Radio NSW via remote receivers in the region. 73, (Manfred Reiff, Germany, May 28, dxldyg via DX LISTENING DIGEST) Att viewable in the DXLD yg

Low-power shortwave broadcaster Unique Radio, Tamworth, New South

Wales, Australia, on 3210 kHz with 100 watts, has added CKUT's International Radio Report to their line-up. There will be two airings each week:

Friday - 0900-0930 UT = 1900-1930 Local AEST Saturday - 0900-0930 UT = 1900-1930 AEST joining World of Radio amongst other programs. Full schedule: http://www.uniqueradio.info/schedule/ The station has been heard as far away as New Zealand (Richard Langley, NB, June 1, dxldyg via DX LISTENING DIGEST)

## \*\* AUSTRALIA. HUGE HIT TO THE ABC IN 2016 BUDGET

The 2016 Budget Papers reveal more severe cuts to the ABC, adding up to almost \$50m over the corporation's next three-year agreement with the government. The ABC's Triennial Funding was released as part of this week's budget.

It revealed more than \$6m would be axed from the ABC News Division annually, along with millions-of-dollars worth of cuts to the development of the ABCís online and mobile capacity. In a media release, the ABC says it will need to withdraw services as a result of the budget cuts.

"ABC News will seek to maintain as many of the [national and regional] initiatives as possible, with a focus on delivering for Australians in regional and outer-suburban areas. However, there will necessarily be some changes to staffing and programming in line with the reduced allocation of funds.î

We are very disappointed with this news. We have been pushing hard for more funds for ABC Regional Services, but it appears the Government is determined to weaken further the national broadcaster.

So, the Government is continuing to reduce the ABCís resources, making it impossible for it to meet its Charter obligations. Let the battle continue ñ we are campaigning in the Marginal Seats throughout Australia and asking people to consider the ABCís predicament before deciding how to Vote (Friends of the ABC via June Australian DX News via DXLD) Is this solely/mainly about TV? Often left unsaid (gh, DXLD)

\*\* BAHRAIN. Weak to good signal of Radio Bahrain, May 27 from 1400 on 9745 ABH 010 kW / non-dir to N/ME Arabic CUSB https://www.youtube.com/watch?v=vyyl35ZtakI&feature=youtu.be https://www.youtube.com/watch?v=-jwFruvTuYk&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire (DX LISTENING DIGEST)

\*\* BANGLADESH. 4750, Bangladesh Betar. BA on 13/5 at 1657 s/on, news

from 1700 and close/down at 1709. It seems on this frequency there are portions of broadcasts with duration of 15 minutess (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), June Australian DX News via DXLD)

4750.01, Bangladesh Betar, Shavar, Dhaka, 1655-1705\*, May 16, folkmusic, Bengali news, abrupt s/off, 35333. Also heard at 1920-2330, Friday May 20, extraordinary All Night service in Bengali due to an severe cyclone, with folksongs, ID's "Bangladesh Betar" every quarter, news, weather, sports and talks, 45434. Not heard 24 hours later (Anker Petersen, Denmark, DSWCI DX Window May 25 via DXLD)

\*\* BANGLADESH. 15505, Bangladesh Betar, 1408-1429\* 26 May. Surprised to find BB doing quite well (for them) with news in Urdu, BB External Service ID in English at 1411 ("This is the External Service of Bangladesh Betar, in English, Nepali, Hindi, Arabic, Urdu, and Bangla [with brief music clips from each of the services], FM 90 megaHertz, programmes for children, drama..") back to Urdu chat with English phrases ("education sector, action committee, action programme") and many "Bangladesh Betar" mentions, zippy Urdu tunes just before closing announcement (with p-mail/e-mail address for the External Service). (Dan Sheedy, Moonlight Beach, CA PL380/6m X wire [v2.0], WORLD OF RADIO 1828, DX LISTENING DIGEST)

15505, May 31 at \*1355, with BFO it`s obvious when Bangladesh Betar carrier cuts on, so I try to detect when the mis-timesignal fires, but it`s so weak I`m not positive I heard it ending at 1400:24.5 (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

15505, June 1 at \*1400:15, BB carrier is very late cutting on, so no mistimesignal heard, and furthermore cuts off at 1401:55\*, still off past 1404 instead of Urdu (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* BELARUS [non]. 3985, R. Belarus via Kall. This is a Radio Belarus program transmitted out of Germany on a listed 1 kW. Initially detected music and then the news on the hour at 2200 which was coming through well enough for an ID. Poor to fair signal received on 11/5 (Phil Brennan, of Darwin NT, visiting Bilbao, Spain, June Australian DX News via DXLD)

\*\* BELGIUM. [A-DX] Kleines Video ber den Sender Wavre, Belgien http://www.rtbf.be/auvio/detail\_lieu-insolite-emetteur-de-wavre?id=1842096 Viel Spass beim schauen (Christian Milling, Germany, May 30, A-DX via Kai Ludwig, shortwavesites yg via DXLD)

Includes some close-ups of shortwave antennas and views from a transmitter hall with a 300 kW Transradio TRAM, no doubt the current 621 kHz rig, and left of it a Thomson that TDP lists as shortwave 50

kW from 1969. To the right of the TRAM (referring to the pan at 2:28) what could be old BBC/ABB mediumwave transmitters, or has this design once been used for their shortwave gear as well?

Of particular note is a feature Wavre shares with Soviet sites: A studio for emergency use. Are any regular studios with AKG D202 left anywhere? (Kai Ludwig, Germany, ibid.)

Hi Kai, Thanks so much for the link & post. Interesting, but not surprising that none (or most) of the local folk interviewed had any idea of what actually emanated from the Wavre transmitter site. It's the exact same situation with the RA Shepparton site.

I also liked the old black Bakelite telephones & patch cord switchboard; I actually still recall repairing similar types in the 80's. Rare to still see such telephony equipment preserved. Please excuse my off topic mmmoire; -) (IB, ibid.)

\*\* BHUTAN. BBS is on air early on 6035 - first spotted by Charlie Whardale as reported on facebook, at 2120 UT 27 May. Still audible here in Teddington at 2220 with very weak signal just above the noise, but copyable and in parallel with webstream at http://www.bbs.bt/news/radio-wan.html [later:] Still audible NOW with good signal (2305 UT) (Alan Roe, Teddington, UK, Winradio G31 + 17 m wire antenna, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

Thanks much for Wardale tip via FB SWL Global, heard BBS crashing in via Twente SDR. Strong enough and seemingly only station on frequency that I went downstairs and tuned the WJ to 6035 and actually did hear a carrier just above the local noise level here, 2218 UT and still holding well past 2230. Straight local music. A fantastic DX event in these days of waning shortwave (Dan Robinson, Potomac MD, May 27, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

I am hearing it, just barely, here in Eastern Newfoundland at 2315 UT Friday evening (local 8:45 pm, sunset). I checked it against the much clearer signal on Twente and it is certainly the same. Very noisy but not a whole lot of fading, something like SINPO 25242 (Philip Hiscock, WORLD OF RADIO 1828, ibid.)

First time in over 40 years of SWL/DX that I've logged them. Well happy! (Alan Roe, NASWA yg via WORLD OF RADIO 1828, DXLD)

6035, BBS on May 23, PBS Yunnan went off at 1200\*, leaving BBS in the clear and still on the air at 1307.

May 28 had no BBS signal 1144-1200+ on May 28. Assume only PBS Yunnan

with non-stop music till suddenly off at 1200\*, leaving the frequency completely free, but no BBS carrier or anything (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

6035.001 kHz exact on May 27 / 28. Thanks to the tip in BDXC-UK-newsgroup tonight, observed on May 27 at 23 UT on exact 6035.001 kHz. So the Thomson TX has been repaired now again by the engineer from India?, I guess after break down early April? (Wolfgang B\_schel, wwdxc BC-DX TopNews May 27, BC-DX 28 May via WORLD OF RADIO 1828, DXLD)

\*\* BOLIVIA. Hello, dear colleagues! Is there any information about Radio Yura, Bolivia on 4716 kHz, which seems off air from the last spring 2015? What's about its reactivation on SW? Best regards, (Eduard Korsakov, Russia, May 26, dxldyg via DX LISTENING DIGEST)

DBS-18 database of dswci last reported: 4716.7 BOL R Yatun Ayllu Yura, San Antonio APR15 73 wb df5sx (Wolfgang B schel, ibid.)

Thank you. So, one more confirmation, Radio Yura is off the air for more, than one year, sad news. Best regards, (Eduard, ibid.)

\*\* BOLIVIA. Re: 6025.00, R Patria Nueva, La Paz, at 2308-2330 UT on May 05, sport news about la Copa Libertadores de America, advts. Note: To hear it, it is necessary to change to LSB, 33333 (Pedro F. Arrunategui-Lima-Peru, dswci DXW May 25 via BC-DX 28 May via DXLD) {UNID 6024.981 kHz at 1055 UT May 28 --- wb}

6025, Red Patria Nueva, La Paz. Fair in Spanish at 0815 on 11/5. Best heard on 6023 to avoid slop from R. Martì, Greenville also in Spanish (John Adams, Port Douglas, Tropical Queensland (Sangean ATS-909X, 7 Metre Reel Antenna), June Australian DX News via DXLD)

\*\* BOUGAINVILLE. 6020, NBC, Radio Bougainville 0700, VG level today (26/5) in English and Tok Pisin. IDs as ëNBC Radio and TVí, and ëNBC Real Radioí, English local news and regional roundup, initiatives to reduce violence against women in PNG, and new training initiatives for Fiji police. Abrupt end of transmission mid-sentence at 0715. Will check this again tomorrow. NBC web site of frequencies doesnít list 6020 kHz, 26/5 (Rob Shepherd, Toowoomba QLD (Marconi CR-100 (B28), JRC NRD-535D, 2 x 70 metre (229í) longwires), June Australian DX News via DXLD)

[same] Here for local daytime program, good signal with IDs, promos 0700. Abrupt 0702\*, 29/5 (Craig Seager, VK2HBT, Bathurst NSW (Perseus SDR, Icom IC-746, Icom IC-R71E, Airspy SDR with Spyverter, Loop Skywire, LZ2AQ Amplified Loop, G5RV Jnr, Hustler 5-BTV Vertical, KIWA

Preamp), June Australian DX News via DXLD)

3325, NBC Bougainville, at 1202 on May 29 with the start of yet another Sunday only edition of "Island Praise" syndicated (Florida, USA) show of pop Caribbean gospel music (reggae, soca, calypso, hip hop gospel, etc.), till Stacy Rose's last program ID at 1257. So for the second Sunday in a row NBC carried her full program. Not sure what the Bougainville schedule is now, as in the recent past they closed down about 1200, but today and last Sunday still on the air at 1305; only light QRM from RRI Palangkaraya. My local sunrise at 1251 UT (Ron Howard, Pacific Grove, CA, Etûn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

NBC Bougainville was received in Moscow region May 27, 3325 kHz after 1700 UT unscheduled - 2705201619168 DX 3325 kHz - RRI and tentative NBC Bougainville after RRI Palangkaraya sign off. Do they have extended program now? Best regards, (Eduard Korsakov, Moskva, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

Hi Eduard, Yes, would seem that NBC Bougainville has a new schedule now. May 30, on 3325, noted NBC from tune in at 1130 to tune out at 1315. Much better reception today than yesterday; mostly DJs in Tok Pisin/Pidgin playing EZL pop songs & Pacific Island pop songs; "What a Feeling" by Irene Cara and John Mellencamp with "It Hurts so Good"; 1200-1205 "NBC Bougainville" ID and into the NBC news in English; after 1225 varying levels of QRM from Pro 1 RRI Palangkaraya (BTW - 3905, Pro 1 RRI Merauke remains silent). My local sunrise was at 1251 UT (Ron Howard, listening ocean side at Pacific Grove, Calif., ibid.)

Thanks very much to Mauno Ritola for posting the following to Facebook (WRTH - World Radio Tv Handbook).

"Ron Howard reports NBC Bougainville 3325 with new overnight schedule. Heard also here in Finland weak at 1840." (Ron Howard, WORLD OF RADIO 1828, ibid.)

Great signal this AM at 11:30 UTC with YL DJ alternating between "English" and the local Pidgin. Virtually so sign of Indonesia - Drake R8, W/NW Flag and Wellbrook ALA100 through Misek/Ratzlaff Phaser (Colin Newell, BC, HCDX via DXLD)

\*\* BRAZIL. 2470 kHz R·dio Brasil Central, Goi, nia / GO - Harmonic 2 X 1270 kHz - 70 kHz = 2470 kHz

2470 kHz, R·dio Brasil Central, Goi, nia / GO - Harmonic 2 X 1270 kHz - 70 kHz = 2470 kHz, OM Com o jornal Fala Goi·s SINPO 44333 em 1022 UT Dia 24 Maio 2016; dessa vez chegou com um - 70 kHz

https://www.youtube.com/watch?v=Qp8a6uYnMnE&feature=youtu.be RX: Tecsun S-2000 Antenna: Beverage simples NSSEA-21 (Daniel Wyllyans, Nova Xavantina MT, Brazil, May 29, Hard-Core-DX mailing list via WORLD OF RADIO 1828, DXLD)

Daniel, Certa a ID da RBC em 2470? Harmonics do not work like that. If not heard on 2540 kHz, there must be some other explanation for what you heard on 2470. Some other kind of spur or mixing product? Is there a RBC ID on your extremely distorted recording? Did you hear it on // 1270 at same time?

There used to be a fundamental Brazilian station on 2470 ñ it would be just as likely it had reactivated perhaps as a test. Remember this from 5 years ago? DXLD 11-25 do ano 2011 ---

``BRAZIL. R;DIO CACIQUE - ONDAS TROPICAIS --- Caros amigos, Por intermÈdio de um colega, fiquei sabendo que o pessoal do departamento tÈcnico da R·dio Cacique de Sorocaba informou que est"o transmitindo em 120 metros (2470 kHz) com 250 W. Acho pouco prov·vel que esta informaÁ"o corresponda ‡ realidade, mas se alguÈm aqui conseguir capt·-la, peÁo a gentileza de informar. N"o custa tentar. Durante a prÛxima semana j· tenho agendada uma visita ao local em que se encontram os transmissores de OT/OM. Certamente tirarei muitas fotos. 73 (Ivan Dias Jr. - Sorocaba/SP http://ivandias.wordpress.com http://twitter.com/ivandiasjr June 14, radioescutas yg via DXLD)

Ivan, como j $\cdot$  te contei a tempos atr $\cdot$ s: Isso me faz recordar aquele epis $\hat{\mathbb{U}}$ dio no come $\hat{\mathsf{A}}$ o dos anos 2000 em que eu sintonizei a Cacique em 120 metros e alguns duvidaram de mim aqui na lista.

Por sorte eu gravei a escuta e fui defendido por alguns amigos, que inclusive na ocasi"o entraram em contato com a ·rea tÈcnica da emissora, que confirmou a operaÁ"o experimental do transmissor. Depois de um tempo ele foi novamente tirado do ar.

Por causa desta agitaÁ,,o a emissora chegou a ser indicada como ativa novamente no WRTH do ano seguinte. 73 (Michel Viani, 20 June, ibid.)

Michel, Lembro claramente de tal escuta. Alguns an ncios que vocí ouviu eram prova inconteste da captaá, o. Ao menos neste momento n, o creio que estejam transmitindo em 120 metros pois por aqui nem mesmo o menor sinal da portadora. Nas prûximas semanas espero apûs a visita ter dados conclusivos sobre o assunto. Tambèm espero tirar algumas fotos. 73 (Ivan Dias Jr. - Sorocaba/SP, ibid.) ``

73, (Guilherme Glenn Hauser, ibid.)

This being heard by other friends too in Brazil, yes and RBC with newspaper Fala Goi·s. I will try to make a video with the 2 al 3 frequencies. If image I do not know how to explain, because have more people listening isso. Bem the distorted sound reminiscent of the old transmissor of 11815 kHz. 73 Daniel W.

To Glenn Hauser: 2470 kHz R·dio Brasil Central com ? Foi checado com o 1270 kHz, PX com OM Jason Abr"o https://www.youtube.com/watch?v=vircja43k2c depois mˈsicas, estilo sertaneja. No 4985 kHz o som estava fraco a essa hora em 1047 UT, Dia 30 Maio 2016. Video 2470 kHz https://www.youtube.com/watch?v=Cs3dNz4WEZk&feature=youtu.be RX : Tecsun S-2000 Antenna: Beverage simples NSSEA-21 (Daniel Wyllyans, Nova Xavantina MT, Brazil, Hard-Core-DX mailing list via DXLD)

As he switches between 1270 and 2470 it does seem like the same music, but with only one receiver can't make a synchro parallel match. Seems the 2470 is at least as strong as 1270, but different audio quality. Unless it's some imaging peculiarity of that receiver, I suspect 2470 is a new fundamental, as it can't be true harmonic unless it's on 2540 (Glenn Hauser, DXLD)

Estou apenas com 1 receptor; vendi os outros receptores. Quero comprar um Grundig 650 e ou 800. Quero vender o S-2000 tambÉm. Vamos esperar talvez algum dexista pode fazer video ou logs de 2470 kHz. Eu posso ouvir todo dia aqui cerca de 3 semanas que comeÁou. 73 amigo DX (Daniel Wyllyans, DX LISTENING DIGEST)

\*\* BRAZIL. 4765 kHz R·dio IntegraÁ"o FM / OM com CX sobre Deus, seguiu um PX Gospel [QRM CODAR]. SINPO 23112, 2333 UT Dia 25 Maio 2016. RX: Tecsun S-2000 + Headphones Antenna: Beverage simples NSSEA-21 (Daniel Wyllyans, Nova Xavantina MT, Brazil, Hard-Core-DX mailing list via DXLD)

Was there anything like an ID??? (gh, DXLD)

Atualizando a lista ONDAS TROPICAIS NO BRASIL ANO DE 2.016

LISTA ONDAS TROPICAIS DO BRASIL => ATUALIZADO 2.016, LISTA DE FREQUECIAS DO BRASIL

FREQUENCY/ KWATS / PREFIX / STATE TRANSMITTER/ TIME BOADSCASTING / NAME RADIO / WEB SITE RADIO STATION

4755 kHz R·dio Imaculada ConceiÁ"o 10.000 0700-0300 ZYF 904 http://www.miliciadaimaculada.org.br/ver3/default.asp?pag\_ID=18

4895 kHz R·dio Novo Tempo

5.000 0000-0000 ZYR 200 MS

http://novotempo.com/campogrande/

\_\_\_\_\_\_

4805 kHz R·dio Difusora do Amazonas 10.000 0930-0100 ZYF 273 AM

http://www.difusora24h.com/

\_\_\_\_\_

https://dxbrazilsw.blogspot.com.br/2014/05/lista-completa-de-frequencias-de.html (via Daniel Wyllyans, Hard-Core-DX mailing list via DXLD)

\*\* BRAZIL. 4885, R·dio Clube do Par·, Belèm, 0437-0645, 29-05, after various weeks out at this time, today on air with good signal, "R·dio Clube", comments: "Campeonato Brasileiro", "Vocí est· na R·dio Clube", "R·dio Clube do Par·, ondas mèdias, 690 kHz, onda tropical, 4885 kHz, R·dio Clube de Marab·, ondas mèdias, 770 kHz, R·dio Clube de Maracan·, ondas medias, 1550 kHz, emissoras da Rede Amazonìa [sic] de R·dio, Belèm, Brasil". 34433. But 30-05 at same time out of air (Manuel Mèndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

\*\* BRAZIL. 5035 kHz BRASIL: R. EducaÁ"o Rural, Coari AM (t), PP 28/05 0215 ñ 14541, transmiss"o regional. ComunicaÁ"o de locutor em fala portuguesa, n"o era paralelo com outras frequÍncias da R·dio Aparecida. N"o ouvi a identificaÁ"o da estaÁ"o, mas como j· havia ouvido anteriormente a R·dio EducaÁ"o Rural de Coari AM aqui em S"o Bernardo, tudo aponta que tenha sido essa novamente. Leve interferÍncia da Radio Habana Cuba 5040 kHz na recepÁ"o da emissora.

Rx: Kenwood R-1000, Ant.: MiniWHip PAORDT 8 m do solo. 73, (Rudolf Grimm, S"o Bernardo SP, http://dxways-br.blogspot.com radioescutas yg via DXLD)

\*\* BRAZIL [non]. 11764.7, May 28 at 0535 check and May 29 at 0105, no signals from SRDA Curitiba. It's been off for some weeks, but since I never wanted to log it when it was on, didn't note immediately when it vanished from its way-off frequency. Last log I find of it was April 7 by Carlos GonÁalves, Portugal (Glenn Hauser, OK, DX LISTENING DIGEST)

11765, Super R·dio Deus È Amor, Curitiba. Presumed at 2156 29/4. Talk heard which sounded like Portuguese. Poor signal (Phil Brennan, of Darwin NT, visiting Coimbra, Portgual, June Australian DX News via DXLD)

[same] Also heard at 2120 on 11/5 with a fair signal. Male preacher(?) speaking in strident Portuguese. Verified this time against the live web stream (Phil Brennan, of Darwin NT, visiting Bilbao, Spain, June Australian DX News via DXLD) Off frequency low, and since inactivated (gh, DXLD)

\*\* BRAZIL. 11925.78, R Bandeirantes, S"o Paulo, SP, 0005, May 21, very poor carrier here. This only worsens the bleed from Cuban jamming on 11930. There is also a weaker carrier on 11925.0, presumably AWR Chinese via Sri Lanka (Glenn Hauser, USA, DSWCI DX Window May 25 via DXLD)

Of the scores of logs I report over a two-week period, the one above is the ONLY one selected to appear in this issue of DSWCI DX Window. And just to exercise even more editorial control, a significant part of it was deleted, about 11925.2 being the normal off-frequency of that station (where it has been heard again since) (gh, DXLD)

Loggings about clandestines, pirates and amateurs are not accepted. The editor is free to îcut hardî and bring only the hottest items, he receives (Anker Petersen, Denmark, ed., DSWCI DX Window May 25 via DXLD) He does throw in an occasional MW item, despite the name of the club (gh, DXLD)

11925.236, May 29 at 0553, JBM carrier at S5, no doubt R. Bandeirantes habitually off-frequency+plus. Note it is not spelt: ``Bandierantes`` (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* CHAD. 6165, Radio NíDjamena [sic]. 0610, pretty weak in French, best around 0615 and faded by 0655 via LP. The above confirms information in On Air section of April 2016 ADXN. Pleased to hear this as demonstrates my longwire aerial canít be too bad. Expect better reception till June 21+. No sign of reported Cuba on this channel over past 3 days. 24, 25 and 26 May (Rob Shepherd, Toowoomba QLD (Marconi CR-100 (B28), JRC NRD-535D, 2 x 70 metre (229í) longwires), June Australian DX News via DXLD)

\*\* CHAD. [Re 6165 reports]: Years ago Chad was on 4904.5, being an indicator for other African stations in the 60-m-band. QRM only during Winter from 4905 Lhasa. Closing so early and not being on air regularly may indicate lack of electricity for the transmitter (Walter Eibl, 91005 Erlangen, Germany, ed., May WWDXC DX Magazine via DXLD)

\*\* CHILE. -----Mensagem original-----Em nome de Patrick Robic Enviada em: quarta-feira, 1 de junho de 2016 14:37 Assunto: [A-DX] Copa America-Termine Chile

Hallo! Hier sind die Termine der Copa-America-Vorrundenspiele der chilenischen Mannschaft, f r den Fall einer erneuten Nutzung von 12365 kHz USB f r Live-<br/>
- bertragungen:

7.6.2016 0200 UT 10.6.2016 2300 UT 15.6.2016 0000 UT \_\_\_\_\_

Copa Amèrica - Chile --- InformaÁ"o sobre o link em ondas curtas que tem previs"o de uso nas transmissies de algumas partidas de futebol da Copa Amèrica (menciona-se a equipe chilena na transmiss"o). A frequÍncia: 12365 USB.

Os hor·rios:

7.6.2016 0200 UT

10.6.2016 2300 UT

15.6.2016 0000 UT

(Rudolf Grimm, June 1, radioescutas yg via WORLD OF RADIO 1828, DXLD)

\*\* CHINA. 17398-USB, Guangzhou Coast Radio Station, \*0400-0406\* & \*0500-0506\*, May 27. Now that I am checking on this, find they are regularly heard; their schedule in the past was 0100, 0200, 0300, 0400, 0500, 0600, 0700, 0900, 1100, 1300 and 1500 (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* CHINA [and non]. 21505, 0455, N. MARIANA ISL, RFA, fair/good in Mandarin, Interference from the Firedrake, close at 0500, continues at 0500 on 21690, poor in Chinese, No interference! 30/4, (Phil van de Paverd, Coopers Beach, New Zealand, R-71E, AOR 7030+, Winradio GR31 DDC, Flag antennae N/NE, NE, 200 M longwire up in the trees, June NZ DX Times via DXLD)

7200, Firedragon + CNR1 jamming against RTI, 1039, May 23. Now that there is increased political tension between China & Taiwan, am not too surprised to find FD here. (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

15530, May 26 at 1342, open carrier at S9-S5, dead air, but shortly CNR1 cuts on in Chinese // echoey 13690, as if it`s jamming something. Like Voice of Tibet, but the closest match on Aoki today is 15528 1315-1340 TJK \* VOICE OF TIBET Chi Dushanbe-Ya 1-7 but no carrier audible now on 15528, as it would have jumped at 1340 to 15522 per Aoki, but not noted or checked.

15558.0, May 26 at 1404, JBA carrier here and also on 15555 (along with USB WJHR), and 15560. 15558 would be Voice of Tibet in Tibetan via Tajikistan; 15555 a CNR1 jammer; 15560 another CNR1 jammer.

15565, May 26 at 1405, JBA carrier, i.e. V. of Tibet via MADAGASCAR, until cut off at 1407\*, time for it to jump to 15560 where there is already a CNR1 jammer against 15558 VOT Tajikistan as above (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* CHINA. 6155, CNR2/China Business Radio, 1232-1257, May 28. The often heard, popular variety show (mostly comedy, but some pop songs) "Haiyang Live"; in Chinese; usually hear one program ID in English and also many program IDs in Chinese; // 6065, 6090, 7265, 7315, 9515, 9755 and 9775 (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* CHINA. 9880, CRI. Mix of CRI in English & CRI in Russian on 20/5 at 1500-1557; it is one of more frequencies where there are two CRI/CNR stations on one and same frequency (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), June Australian DX News via DXLD)

11980, 1353 26 MAY - CHINA RADIO INT. SINPO = 25222. English, male announcer reading news. 1355 Chinese learning program with male and female announcers. Abrupt s/off 1357z (Asian accents, \*is\* // 11900 kHz). QSB=moderate-to-rapid rate, modulation on noisy carrier occasionally peaks just above the noise floor but mostly mixing with it. sf93.6, a3, k1, geomag: quiet. 150 kW, beamAz 177, bearing 322. Sangean ATS505 with MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 12225 KM from transmitter at Kunming CRI (Yunnan). Local time: 0653.

11910, 1343 26 MAY - CHINA RADIO INT. SINPO = 25122. English, female announcer interviewing male about Apple products in the market after Jobs is out of the picture. (American accents, \*not\* // 11900 kHz). QSB=moderate-to-rapid rate, modulation on noisy carrier occasionally peaks just above the noise floor but mostly mixing with it. sf93.6, a3, k1, geomag: quiet. 500 kW, beamAz 165, bearing 322. Sangean ATS505 with MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 10106KM from transmitter at Beijing-Matoucun (CRI/CNR). Local time: 0643.

11900, 1338 26 MAY - CHINA RADIO INT). SINPO = 25222. English, male announcer reading news with several remote reports. (Asian accents). QSB=moderate-to-rapid rate, modulation on noisy carrier occasionally peaks just above the noise floor but mostly mixing with it. sf93.6, a3, k1, geomag: quiet. 500 kW, beamAz 135, bearing 322. Sangean ATS505 with MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 12225 KM from transmitter at Kunming CRI (Yunnan). Local time: 0638 (Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

13660, CRI, Xian. CRI in English on 21/5 at 0710-0757 with program different from this on 11895, 13710, 17710. Such of 12nd program" in English was first observed by Russian DXers in time 1310-1400 on 11910

& confirmed here on 20/5 (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), June Australian DX News via DXLD)

\*\* CHINA [non]. 7530, Stream of Praise Ministries, Tashkent. This station provides the shortwave listener with a good example of the linguistic differences between Cantonese and Mandarin. It signs on at 2100 with Cantonese programming, then shifts into Mandarin at 2115, enabling the listener to clearly hear the differences between the two types of "Chinese". It signs off at dead-on 2130 without any fanfare or ceremony! A very good and clear signal 22/5 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via DXLD)

\*\* COLOMBIA. 1309.7, 0507, Voz de la Patria on 1309.68 measured with Christian vocals 13/5 (Bryan Clark, Mangawhai, Northland, North Island, New Zealand, WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America, July NZ DX Times via DXLD)

1309.8, 0839, La Voz de la Patria Celestial, Barranquilla on 1309.8, poor with poor audio, in 4ZD slop 20/5 (Paul Ormandy, Waianakarua, New Zealand DX-pedition, TS-2000, 425m Beverage aimed at SAm. 15m Vertical GP, June NZ DX Times via DXLD)

\*\* COSTA RICA. 14195-USB, May 28 at 0139, TI2CC is making quick contest contacts with US stations who are piling up on same frequency. What's so special about TI2CC? Quite a writeup on his qrz.com page, with biography of Carlos Paez, how he's a big contester, photos of his antennas, shack, and self. His exact location in CR is not given, just a P O Box in Miami for QSL purposes (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* CRIMEA [and non]. The National Council of Ukraine on Television and Radio Broadcasting shared their plans with respect to the information policy of the Crimea. Details of the member of the National Council Sergey Kostinsky.

According to him, the agency will work in two directions. Firstly, on the territories adjacent to the Crimea will be blocked and broadcasting stations on the peninsula. Secondly, it is planned to provide both analog and digital broadcasting on the territory of the Crimea from the southern regions of the Kherson region. Exactly the same is intended to introduce measures in the Odessa region. In addition, he said that the draft communication strategy will be finalized and submitted to the working group at the beginning of June

this year.

Earlier, the National Council was marked by scandalous restrictions on broadcasting in the territory of Ukraine of different children, scientific and educational, as well as Russian music channels. The justification cited whenever the absurd argument that the content of the data channels allegedly threaten the national security of Ukraine.

http://nahnews.org/774748-nacsovet-po-teleradioveshhaniyu-ozvuchil-genialnyj-plan-v-otnoshenii-kryma/

On the territory of the Crimea Ukrainian radio began broadcasting the UR-1 at a frequency of 101.4 FM, according to the website of the Kherson Regional State Administration. It is noted that when applying for a wave radios signed as "Glory to Ukraine!". "I get messages from Dzhankoy and Krasnoperekopsk - Ukraine receivers hear people say that the signal is good," - said the chairman of the Kherson Regional State Administration Andrey Gordeev. It is reported that on the territory of Genichesky area allocated area for the construction of a high TV tower for better signal reception in the Crimea.

Source: http://www.gazeta.ru/social/news/2016/05/27/n\_8686949.shtml

(Sent by Sergei Sosedkin, USA, via Moscow Information DX Bulletin Weekly electronic publication # 996, May 24, 2016, The editor of the current issue: Konstantin Gusev, via May 29 RusDX, May 31 via DXLD)

\*\* CUBA. Reception of Cuban Spy Numbers HM01, May 31 0755-0850 on 11635 secret/hidden site (Bejucal) Spanish Tue/Thu/Sat https://www.youtube.com/watch?v=InuKaJIXN-0&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

\*\* CUBA. Hi Glenn, I wonder if you have any advice about this. I often hear Radio Habana, in Spanish, say you can listen on the net at: http://www.radiohc.cu

I can bring up this web site, but it seems to be mostly printed news stories. I canít find a ilistenî or iescucharî link. The sighted person who assists me does not know Spanish, so, we are a little limited. Do you know if there is a specific link which will stream the RHC audio all day long? It wonít do any good to describe the location of this link on the screen, as our screen reading software does not work this way. WE go by text, so, if the link has a name, that is what I will use.

My friend, Carrie Hooper, is diligently studying both Spanish and Romanian, and I record what I can from the net. She has got Albanian pretty well nailed by now, though I sometimes also record R. Tirana. I

have very poor shortwave reception here, for reasons I do not understand. Still, RHC on SW is pretty good, and, I use the Sony ICF2010, whose synchronous detection mitigates the effects of fading somewhat. Still, if I could record on the net, it would be better.

I have discovered a program on RHC that you might like. It is Tuesday, 1400 UT, on 11760, called iSonido Cubano, and features a lot of Cuban music, with some commentary about the music or the artists. One week, they did a lot of commentary about how to do the various Cuban dances. Ideal material for Carrie, learning Spanish.

As you know, I use mikeis Radio World a lot. They used to have a whole section dedicated to Latin America. However, this was before Carrie got interested in Spanish. Now, it seems to be gone. I can do RNE, from Spain, but, do you know of any good news or talk stations from Mexico or South America that might be useful to Carrie.

I also have XM satellite radio, and they do feature CNN en espaòol, but, as is usual with so much TV news, they always have sound effects or noise in the background. Not good for a language learner. I do VOA and R. Marti, but, always looking for different material (Tim Hendel, Huntsville AL, DX LISTENING DIGEST)

Tim, Direct links to RHC audio:

http://media.enet.cu/radiohabanacuba
http://media.enet.cu/radiohabanacubaidiomas

I just tried the first one and it works, but very lo-fi.

Quickest way to find it was via http://publicradiofan.com

which surely I must have told you about before. Where you can sort stations all sorts of ways, including by location (but you have to use drop-down windows).

Or by language. Here is the Spanish page, and each entry has audio play icons:

http://publicradiofan.com/cgibin/statsearch.pl?format=&lang=Spanish
(Glenn to Tim, via DXLD)

\*\* CUBA. 19070, May 26 at 1400, JBA carrier, i.e. 2 x 9535 RHC; nothing audible on 19280 or 19420, altho on fundamentals, 9640 and 9710 are much stronger than 9535 (Glenn Hauser, OK, DX LISTENING DIGEST)

[and non]. 18090, May 28 at 0146, weak bubble jamming, 3 x 6030 against Radio Martì. I was checking the hamband, and found a few good

USB signals, all from the US #4 call area, presumably sporadic E opening; nothing on 21 MHz (Glenn Hauser, OK, DX LISTENING DIGEST)

Subject: Fw: Radio Marti unjammed

For the first time, Radio Martl was heard unjammed. I heard a baseball game broadcast on Radio Martl on May 30 at 0225 in the clear on 6030 khz. I live in central Florida and am centrally located between the Radio Martl and Cuba (Dave Grubbs, N4EF, via Michael Bethge via Wolfgang B schel, via WORLD OF RADIO 1828, DXLD)

Maybe because of baseball non-political popularity? But since then, jammed as usual on that and other frequencies. Anything can happen (Glenn Hauser, WORLD OF RADIO 1828, DX LISTENING DIGEST)

[non]. 6059.79, May 28 at 0103, no signal from RHC yet, but a JBA carrier, presumably SRDA Curitiba, BRASIL, which Wolfgang B schel had measured May 20 on 6059.78. I assume SRDA listeners around Brasil, if any, will be bothered by the het once RHC come on. SRDA is not really strong enough to bother much on this side.

6165, June 1 at 0601, RHC English is just barely modulated here, but sufficient on 6100, 6060 and 6000, while 5040 is now off.

19070, June 1 at 1350, RHC harmonic 2 x 9535 is a JBA carrier, but nothing on 19280 or 19420; correlating with strong signals from the 16m fundamentals: 17580 at S9, 17730 S9+20. Before these build up, no way the 19 MHz harmonix will (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* CUBA. CUBAN LOWBAND ANALOG SKIP TARGETS AND STATIONS BY PROVINCE Province

Analogue Channel ñ Network ñ City served (transmitter location)

La Habana

2- - Tele Rebelde ñ La Habana (Televilla)

4z ñ Canal Educativo ñ La Habana (Televilla)

6z ñ CubavisiÛn ñ La Habana (Televilla)

Pinar del RÌo

2+ - Tele Rebelde ñ Rural area/16 miles NE of Pinar del RÌo capital (La Capitana)

6z ñ CubavisiÛn ñ Rural area/16 miles NE of Pinar del RÌo (La Capitana)

3z ñ Tele Rebelde ñ BahÌa Honda (Cajalbana)

5z ñ CubavisiÛn ñ BahÌa Honda (Cajalbana)

Villa Clara

3z ñ CubavisiÛn ñ Santa Clara (Loma Dos Hermanas) 5z ñ Tele Rebelde ñ Santa Clara (Loma Dos Hermanas)

### Camagey

4+ - Tele Rebelde ñ Camag ey 6z ñ CubavisiÛn ñ Camag ey

## HolguÌn

3z ñ CubavisiÛn ñ HolguÌn (Loma de la Cruz)

4z ñ Tele Rebelde ñ Moa (Miraflores)\*

6z ñ CubavisiÛn ñ Moa (Miraflores)\*

### Granma

2z ñ CubavisiÛn ñ PilÛn (El Mamey) 5z ñ Tele Rebelde ñ PilÛn (El Mamey)

# Santiago de Cuba

2z ñ CubavisiÛn ñ Santiago de Cuba (Boniato)

5z ñ Tele Rebelde ñ Santiago de Cuba (Boniato)

This list courtesy of Bill Hepburn and Jim Thomas

Maps provided by the ICRT Havana and assembled by Jim Thomas. The lowband TV Es listing compiled by Bill Hepburn and Jim Thomas. See link at WTFDA Forums:

http://forums.wtfda.org/showthread.php?10555-Cuba-low-VHF-assignments-Es-targets (June WTFDA VHF-UHF Digest via DXLD)

\*\* CUBA [non]. From the Isle of Music for June 7 on WBCQ and Channel 292 --- Thanks for all you do for radio.

Beginning June 7, From the Isle of Music begins an exciting new phase. Our host, Bill Tilford, recently returned from Cuba with the music of the winners and nominees of Cubadisco 2016, which among other things is Cuba's equivalent of the GRAMMY Awards. He also recorded several interviews. We will begin sharing this music and the interviews this week.

Our June 7 (June 6 in the Americas) program brings back NuJazz artist Zule Guerra, who recently won a Cubadisco 2016 in the category Opera Prima (Best New Artist), and we'll feature some of El Arte del Sonido by Thellus, which won the Cubadisco 2016 category Electronic and Electronic-Acoustic Music. We'll also have some vintage Orquesta Aragûn from the 70s along with more of Popularmente Sinfûnico Vol II by Orquesta Sinfûnica de Matanzas. This week, we begin bringing the winners and nominees of Cubadisco 2016 to you on the radio. Two listening options on shortwave:

WBCQ, 7490 kHz, Tuesdays 0000 UT (8 pm EDT Mondays) Channel 292, 6070 kHz, Tuesdays 1900 UT (2100 CEST) (Bill Tilford, June 1, DX LISTENING DIGEST)

\*\* EASTER ISLAND. FM Update --- Further to last month's notes on Tahiti FM, Robert Shepherd has provided me with the following report on the FM scene in Easter Island, as he observed during a cruise stopover there in February.

Referring to page 186 in the 2016 WRTH, Robert noted all listed FM stations with the exception of Radio Maria 99.9 MHz which is OFF AIR. A new unlisted FM station Radio Rapanui was observed on 91.7 MHz. Radio Manukena on 88.9 MHz is the only true local station re program content. The rest of the listed stations relay Chilean network stations in Santiago (Bryan Clark, June NZ DX Times via DXLD)

\*\* ECUADOR. ECUADOR ABRE PRIMERA LICITACI"N FORMAL DE FRECUENCIAS DE RADIO Y TV --- by gruporadioescuchaargentino

El Gobierno de Ecuador abriÛ la primera licitaciÛn nacional radio y TV del paÌs, que entregar· habilitaciones a los medios que ya las tienen vencidas o vencen pronto y a nuevos jugadores que deseen ingresar al mercado.

Ecuador Ana Proaòo, Arcotel, ministro Augusto Espìn, Patricio Zambrano, Cordicom Ana Proaòo, presidenta de Arcotel, el ministro Augusto Espìn, y Patricio Zambrano, presidente del Cordicom [caption?]

Esta semana, la Agencia de RegulaciÛn y Control de las Telecomunicaciones (Arcotel) y el Consejo de RegulaciÛn de la ComunicaciÛn (Cordicom) abrieron concurso para la adjudicaciÛn de 1.472 frecuencias, de las cuales 846 ser·n para estaciones de radio (FM), 148 para AM, y 478 para canales de TV de banda UHF.

[y ONDA CORTA/TROPICAL ???? NADA! --- gh]

ëPor primera vez en la historia del paÌs, se realiza un concurso nacional de adjudicaciÛn de frecuencias, que dar·legitimidad a su uso y permitir·un control ciudadanoí, destacÛ Arcotel en un comunicado.

El proceso se realizar· para las licencias cuyos contratos de concesiÛn ya vencieron, caducan hasta el 31 de diciembre de 2016, fueron canceladas por el ente regulador, y para nuevas frecuencias para ·reas que nunca fueron atendidas por el Estado hasta ahora, como los municipios de menos de 15.000 habitantes.

Augusto EspÌn, ministro de Telecomunicaciones, adelantÛ que las ofertas se abrir·n entre el 16 y 22 de junio, y que por tratarse fundamentalmente de licencias histÛricamente adjudicadas en forma directa, no se cumplir· con la disposiciÛn legal de distribuir el

- espectro en un 33% para los medios p'blicos, 33% para los privados y 34% para los comunitarios (SOURCE??????? via GRA blog May 27 via DXLD)
- \*\* EGYPT. 15290, R. Cairo, Abu Zaabal. 1913 27/4. Female presenter in English, good signal but usual poor quality of transmission such that I could barely understand a word of the broadcast (Phil Brennan, of Darwin NT, visiting Lisboa, Portugal, June Australian DX News via DXLD)
- \*\* EGYPT. 12085.065, May 26 at 0555, R. Cairo in suptorted Arabic at S7 (Glenn Hauser, OK, DX LISTENING DIGEST)
- \*\* EGYPT. 9315, R. Cairo, Abis. English program (scheduled) at 0303. Talk and occasional music. If you are familiar with the sound of an overworked cement mixer grinding away, then you have the joyful sounds and dulcet tones of Cairo's magnificent transmissions to the world. Egypt's own unique carrier was at fair strength but otherwise content was impossible to copy. 27/5 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via WORLD OF RADIO 1828, DXLD)
- 9315.03, May 28 at 0119, R. Cairo is S9+10 but suptorted in presumed Spanish [WORLD OF RADIO 1828]
- 9745.0, May 28 at 0125, R. Cairo is S6 in distorted Arabic.
- 9964.97, May 28 at 0127, R. Cairo circa S9 here, in other Arabic, not distorted, but undermodulated (Glenn Hauser, OK, DX LISTENING DIGEST)
- 9325. May 30, 2016. 1909-1915, Radio Cairo, Abis, in Hausa. OM talks, fast music pause. R. Cairo is other station with serious problems in transmitter; presents very distorted modulation, 35431 (DXer: Josè Ronaldo Xavier (JRX), Cabedelo-PB, Brazil, Sony ICF-SW100S Antenna: Portable Telescopic, Hard-Core-DX mailing list via DXLD)
- 12085.059, May 31 at 0522, R. Cairo with a scratchy trace of Arabic modulation (suptorted) (Glenn Hauser, OK, DX LISTENING DIGEST)
- \*\* EQUATORIAL GUINEA. 5005, Radio Nacional, Bata, 0452-0505, 29-05, Spanish, comments, songs. Very weak. 14321 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)
- \*\* ETHIOPIA [and non]. 5950, Voice of Tigray Revolution, Addis Ababa, 1805-1820, 29-05, Vernacular comments and East African songs. At 1820

eclipsed by Voice of Iran on same frequency. 24322 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

\*\* ETHIOPIA. 6090, 14.05.16, 2056-2202\*, Amhara State R., Addis Ababa-Gedja relay, Amharic: 33333. Local music, ID, National anthem and s/off at 2202 (Antonello Napolitano in Taranto (Italy), RX: KENWOOD R-1000, ANT: inverted "V"+20m wire, DX Fanzine nr 33, May 2016 via DXLD)

[and non] 6090, Amhara State R., Addis Ababa. At 2005 with ID in Amharic and a mix of music and talk, very good signal. Careful listening and identification is needed as R. Nigeria-Kaduna is also often heard at the same time, as on 22/5, but Kaduna was much weaker on this day. Tuning in USB easily separates the two stations as Amhara is on 6090 and Nigeria is usually off-frequency on 6089.88v. At 2055, CNR 2 s/on which squashes everything! (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 m, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via DXLD)

\*\* ETHIOPIA. 6110, Radio Fana, Addis Ababa. Heard at 1800 then at 2025 to 2100\* in Amharic with a strong signal (S8-S9) after final announcements and an anthem. QRM earlier from co-channel China and Iran on 6105. 15/5 (Rob Shepherd, Toowoomba QLD (Marconi CR-100 (B28), JRC NRD-535D, 2 x 70 metre (229í) longwires), June Australian DX News via DXLD)

[same] At equal strength with co-channel powerhouse CRI's Russian service at 1950, but China leaves this frequency at 1957 leaving R. Fana in the clear with a nice signal and great African popular music and Amharic announcements. Highly recommended programming! 22/5 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via DXLD)

\*\* ETHIOPIA [non]. SECRETLAND, IRRS Radio Warra Wangeelaa-ti via SPL Secretbrod, May 28

1500-1530 on 15515 SCB 050 kW / 195 deg to EaAf Oromo Sat https://www.youtube.com/watch?v=uP7YFxhOWPw&feature=youtu.be https://www.youtube.com/watch?v=upf837P1E4Q&feature=youtu.be https://www.youtube.com/watch?v=BqkxQPmqBWE&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

\*\* ETHIOPIA [non]. FRANCE, Reception of Oromo Voice R. via TDF, May 28

- 1600-1630 17850 ISS 250 kW / 130 deg EaAf Afar Oromo Wed/Sat + jamming https://www.youtube.com/watch?v=u2irOEXWOCo&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)
- \*\* ETHIOPIA [non]. GERMANY, Reception of Radio Xoriyo via MBR, May 21 1600-1630 17630 ISS 500 kW / 130 deg EaAf Somali Tue/Sat + jamming https://www.youtube.com/watch?v=WH2ELd2WCJ4&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)
- [and non]. FRANCE, Reception of R. Xoriyo via TDF, May 27 1600-1630 17870 ISS 500 kW / 130 deg EaAf Somali Mon/Fri Transmissions are jammed by Ethiopia with white noise digital jamming https://www.youtube.com/watch?v=Wc5ky9sBU4c&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire (DX LISTENING DIGEST)
- \*\* FINLAND. 25000, Time Signal Station Mikes, Espoo, 1402-1420, 26-05, time signals, beeps with seconds, silent at second 59. 14321 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)
- \*\* FRANCE. FRANCIA EN HUELGA, RFI EN ESPA—OL SIN EMISION
  Francia vive una jornada de huelga general, viÈndose afectadas las
  emisiones de RFI y probablemente todas las emisiones que emanan de
  Issoudun. Enviado desde Yahoo Mail con Android. Posted by: (JOSE
  MIGUEL ROMERO2, 0551 UT May 27, dxldyg via WORLD OF RADIO 1828, DXLD)
- \*\* GAMBIA [non]. FRANCE, Reception of Radio Free Gambia via TDF May 27 1900-1956 on 15465 ISS 100 kW / 207 deg to WeAf Various\* Fri \* including: English, Fula, Krio, Mandingo, Serer and Wolof. https://www.youtube.com/watch?v=7pyXy1zYEJs&feature=youtu.be https://www.youtube.com/watch?v=sPHjYMYBg\_o&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire (DX LISTENING DIGEST)
- \*\* GEORGIA [non]. VOA GEORGIAN MARKS 65 YEARS ON THE AIR Former and current VOA Georgian journalists and other staff with agency Director Amanda Bennett (C) [caption]
- WASHINGTON D.C., May 27, 2016 -- The Georgian Service of the Voice of America celebrated its 65th anniversary on Thursday.
- At a ceremony at VOA headquarters in Washington, Georgia's ambassador to the United States, Archil Gegeshidze, said his country's independence from the Soviet Union "was largely due to the positive influence of programs from broadcasters like the Voice of America."

VOA Georgian first aired on May 26, 1951. "During the Cold War, you played a critical role in helping Georgians understand the world beyond the Iron Curtain," added U.S. Ambassador to Georgia Ian Kelly. In a video message from the Georgian capital Tbilisi, Kelly said that "since Georgia's independence, VOA Georgian has helped build the foundation for a strong U.S.-Georgia relationship that we continue to enjoy today."

Other U.S. and Georgian diplomats as well as human rights experts, representatives of the Georgian-American community and past members of the Georgian Service joined VOA Director Amanda Bennett in honoring the service.

"VOA Georgian was an alternative voice speaking to and for Georgians during the Cold War, and it remains so today," said Bennett. "VOA is needed today more than ever. VOA is one of the few media outlets in the region that provide accurate and credible news and information as well as objective, free and fresh voices and perspectives."

VOA Georgian reaches 7.7 percent of adults in Georgia each week. In addition to radio programming distributed nationwide on FM via Georgia's Public Broadcasting Corporation, the service produces a weekly television magazine program, Washington Today, that is carried on Georgian Public TV. The show focuses on developments in the United States, American perspectives on major developments in the region, the Georgian diaspora, social issues, medicine, science, technology and culture.

"VOA Georgian audiences can always expect us to provide exclusive, reliable news and information," said VOA Georgian Chief Anna Kalandadze, adding that she is "honored to work with the service's dedicated journalists who continue to positively influence Georgia's traditional and new media environments."

The service also maintains a dynamic website, http://www.amerikiskhma.com/providing video reports on its YouTube channel and engaging the audiences through Facebook and other social media (VOA PR, and via Hansjoerg Biener, DXLD)

\*\* GERMANY. 5905, 0615, Deutscher Wetterdienst (German Weather Service) via Pinneberg, 10 kW weak in German with weather reports 13/5. Best on USB to avoid unID carrier on 5904.3. Scheduled 0600-0630 (Bryan Clark, Mangawhai, Northland, North Island, New Zealand, WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America, July NZ DX Times via DXLD)

\*\* GREECE. 9420, V of Greece, Avlis. Home Service 1 in Greek // 9935 on 14/05 at 0500 but the pips for exact time were at 0501, around 55 seconds delay from MW 729, 1008, 1404, 1512 (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), June Australian DX News via DXLD)

9420.006, V of GREECE at 2300 and 04-05 UT, and 11645.000 even also at 0440 UT - not 9935 kHz -, latter hit heavily by Sudanese R Dabanga program on 11650even kHz of CVA VR Santa Maria di Galeria in Vatican State. 73 wb (Wolfgang B schel, May 27, DX LISTEING DIGEST)

11645, May 27 at 0520, VOG is audible here instead of 9935, in Greek music and talk, but much weaker than // 9420; 11645 also has ACI from R. Dabanga 11650 (Glenn Hauser, OK, DX LISTENING DIGEST)

Reception of Voice of Greece on 9420 & 11645, May 27 0600-0650 on 9420 AVL 170 kW / 323 deg to WeEu Greek\* tx#3 0600-0650 on 11645 AVL 100 kW / 182 deg to NoAf Greek\* tx#1 \* plus news in Arabic, Serbian, Spanish, Romanian, Russian, Polish, Albanian. 0650-0653 UT open carrier/dead air and off https://www.youtube.com/watch?v=J3JQzkGxin4&feature=youtu.be https://www.youtube.com/watch?v=aCNFrSiiWss&feature=youtu.be https://www.youtube.com/watch?v=M-2rIsOB7b4&feature=youtu.be https://www.youtube.com/watch?v=pBwT3uQs9vA&feature=youtu.be https://www.youtube.com/watch?v=MKeCvizf5xw&feature=youtu.be https://www.youtube.com/watch?v=WyQUsvJEfYI&feature=youtu.be https://www.youtube.com/watch?v=Hw1ytydbIeE&feature=youtu.be https://www.youtube.com/watch?v=C30jEpjQxb4&feature=youtu.be https://www.youtube.com/watch?v=FFD7UupEK1k&feature=youtu.be -- 73! (Ivo Ivanov, OTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire (DX LISTENING DIGEST)

Voice of Greece at 1942 UT on May 27: 9935.001 kHz S=9+35Db and  $\$  9420.004 kHz S=9+20dB, live? transmission, Putin visit in Greece ?, speech live translation Russian / Greek translator. Believe Putin celebrate / take part on the Russian Church 1000 years anniversary in Athos Greece MONASTRY - this weekend. 73 wb df5sx (Wolfgang B $_{s}$ schel, dxldyg via DX LISTENING DIGEST)

At 0611 UT noted Voice of Greece on 9420.004 S=9+10dB 323 degrees, and supposedly on north-south antenna 004/184 degrees on 11645.0005 kHz S=9 signal [selected SDR options, span 12.5 kHz RBW 15.3 Hz] (Wolfgang B\_schel, wwdxc BC-DX TopNews May 28, dxldyg via DX LISTENING DIGEST)

9935, May 29 at 0548, sounds like Greek Orthodox chanting, and since it's Sunday morning, appears ERT has resumed this religious service violating Separation of Church and State, but really nice music. This is S7, and // 9420 is only S5, and not on 11645, which is sometimes in

use instead of 9935 by this hour (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

Reception of Voice of Greece on 9420 & 11645 kHz, May 31: 0700-0805 on 9420 AVL 170 kW / 323 deg to WeEu Greek tx#3 and off 0700-0757 on 11645 AVL 100 kW / 182 deg to NoAf Greek tx#1 and off https://www.youtube.com/watch?v=02SN9PCDLlM&feature=youtu.be https://www.youtube.com/watch?v=NSOrvMx37KY&feature=youtu.be https://www.youtube.com/watch?v=vvHffLFILwQ&feature=youtu.be https://www.youtube.com/watch?v=aMjqugMlYwI&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

\*\* GRENADA [and non]. [Continued from ANTARCTICA] Interesting to note 1983 was a good year for me as I also heard FIBS in the Falkland Islands for the first time on March 29, 1983, 3958 kHz from 0859 until 0945 UT.

In 1995 I was in Grenada. I asked everyone I met about the transmitter for "Radio Free Grenada". No one wanted to talk about it. I don't believe it was because they knew I was from the USA as they like the US. At front of their "international airport" there is a small arch commemorating the US liberation from the communists.

During an island tour, while about 1/2 way up a mountain, all of a sudden surrounded by tall trees I see a studio type building with a radio tower next to it. I asked the driver/tour guide if this was "Radio Free Grenada". He says, "Yes". Studio is run down and no evidence of use for many years. I ask him to stop, but he refuses. I still kick myself for not taking photos. 73, (Kraig, KG4LAC, Krist, May 27, dxldyg via DX LISTENING DIGEST)

- \*\* GUATEMALA. 4055, R. Verdad, 5/24, 1115. Gospel choir, some dead air at 1126, to M announcer in Spanish, but hard to make out with awful audio. A choir at BoH sounding like barbershop quartet. VG (Rick Barton, Arizona, DX LISTENING DIGEST)
- \*\* INDIA. According to information from the station, the SW transmissions from AIR Lucknow was discontinued from 1 Apr 2016 due to non availability of valves for replacement. The 50 kW transmitter which used the frequencies of 4880 during morning & night & 7440 during day time stopped in the evening of 31 Mar 2016.

So far 11 stations of AIR has been discontinued on SW in recent times. http://qsl.net/vu2jos/qsls/lucknow-3205.jpg (Jose Jacob, VU2JOS, National Institute of Amateur Radio, Hyderabad, India, June 1, WORLD OF RADIO 1828, DX LISTENING DIGEST)

- Hi Glenn, Have not heard 4880 AIR for a while. Now I know why (Ron Howard, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)
- \*\* INDIA [non]. 6260, BVB (Tashkent) 1405-1428\* 27 May. Weak but clear with English sermon (depressing, but at least no yelling), closing with p-mail address in Newmarket, ON & e-mail: mail@BVBroadcasting.org (their site indicates this transmission is for the Indian subcontinent). (Dan Sheedy, Moonlight Beach, CA PL380/6m X wire [v2.0], DX LISTENING DIGEST)
- \*\* INDONESIA. 3905, RRI, Merauke. Music programming with Indonesian pop songs at 1040, occasional announcements. Quite distorted audio (over-modulated?) at times but a strong signal nevertheless, 24/5 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via DXLD)
- BTW 3905, Pro 1 RRI Merauke remains silent). My local sunrise was at 1251 UT (Ron Howard, listening ocean side at Pacific Grove, Calif., May 30, dxldyg via DX LISTENING DIGEST)
- \*\* INDONESIA. 9945.0-CW, May 29 at 1200, marker VVV VVV VVV P50 over and over. First thought is North Korea with that callsign; must be something new, as I tune across 9945 every day and haven't heard this or any CW before. At 1201 goes to dits and then traffic, too fast for me to copy, but seems to entail a lot of numbers, altho not exclusively numbers. Note this V marker does not send a DE before the callsign, unusual. That's papa-figure five-oscar.
- Later I research this on the UDXF yg, and find several logs of P50, but not yet on this frequency: 18980, 12235/12236, 6365. Logs go back to 2006y and it was soon identified as not NK, but a tactical call instead from 7CB, the Indonesian Navy, Belewan/Belawan. HFCC, EiBi and Aoki all show not a single broadcaster anywhen on 9945, so it all worx out (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)
- \*\* INTERNATIONAL. The annual muslim holiday Ramadan will in 2016 take place from June 06 till July 05. Many muslim stations broadcast all night, particularly on medium wave (Anker Petersen, Denmark, DSWCI DX Window May 25 via WORLD OF RADIO 1828, DXLD) See also IRAN
- \*\* INTERNATIONAL VACUUM. You will note a lot of photos and 'new stuff' in the Satellite section. I [kvz] have FINALLY gotten the dish at the lake house 'up to snuff'. A full rendition will follow at some point, but for now, note that what we have here is all "FREE TO AIR" (i.e. no monthly satellite TV bill, all this stuff is available to anyone who

points a dish skyward and knows what to look for) using a "Dual Band" LNB.

This means that I can now receive both C band (which I had before) as well as Ku Band (which normally uses a smaller dish) signals. I will have more analysis later, but I'm thinking off the top of my head those who say 'there is nothing on C band any more' are all wet. There is still LOTS of good stuff there, granted not as MUCH as in the Ku Band, but much of what is in the Ku Band is in languages other than English, and can best be described as 'trying but not there yet'. Networks like CW, Cozi TV, MeTV, ABC, PBS, NBC, Movies!, Heroes and Icons, and many more are on C band, and 'in the clear'. Yes, you can't get HBO or ESPN without paying a satellite service, but hey, there IS lots of good stuff up there on the birds!

This is a 'closeup' of the feed-horn with the weather shield removed showing the dual band LNB. Note there are TWO co-ax cables going in there, one for Ku, the other for C-band, and this new LNB uses voltage switching rather that a physical device to change polarities. I now have access to both horizontally and vertically polarized signals, and in both bands. There are so far over 300 channels of 'stuff' I've discovered so far. I may NEVER completely catalog it, but those rainy / cold days are going to have some video accompaniment. Not to mention I can listen to Sputnik Radio and Brother Swear whenever I want in crystal clear satellite audio! Oh wait, was I having a hard time finding BS before? ....:

SHF Satellite TV/Audio: -- Radio

97.0 W Galaxy 19 Ku-Band H-11.956 GHz, 22001 MSPS with Brother Swear QPSK / MPEG2 audio only. The Brother doesnít do video, but as he keeps reminding up, heís on Satellite and SW, and hereís the satellite link for those in the western hemisphere. The same schtick as he has on SW. 0710-0715 22/May --Zichi MI2

97.0 W Galaxy 19 Ku-Band H-12.059 GHz, 22001 MSPS w/Sputnik Radio. QPSK / MPEG2 audio only. ìAs Ifî with snarky talk re chicken processing plant labor abuses and audio clips of George Carlin talking about what is ënaturalí (Dog Shit was the example he used) is not necessarily ëgood to eatí at 1645 and into ìBrave New Worldî with talx re anti-Semitism in Britain and other issues re Israel. ID on screen was ìVoice of Russiaî but they only used ìSputnik Radioî in the audio. 55% quality after ëtweakingí the dish this morning, 1645-1715 22/May --Zichi MI2

-- TV:

97.0 W Galaxy 19 Ku-Band V-12.115 GHz, 22425 MSPS w/Dead Dr Gene and

the University Network. Gawd seeing his cigar chomping mug brought back memories! :) QPSK / MPEG2 in OK w/51% quality and decoding without stutters or other issues. 0646-0651 22/May. The Ku band works! Whoo hoo (Ken Zichi, Port Hope MI2, MARE Tipsheet 27 May via DXLD)

\*\* INTERNATIONAL VACUUM. SIRIUSXM CUTS SEVERAL LATIN-MUSIC CHANNELS FROM ITS SATELLITE-RADIO SERVICE --- Channels get demoted to online-only access, vexing subscribers and recording labels

By Hannah Karp The Wall Street Journal May 31, 2016 7:53 p.m. ET 0 COMMENTS

Cumbia singer Celso Pina introduced his newest album to U.S. listeners exclusively on Aguila, SiriusXM Holdings Inc.'s regional Mexican music channel, eager to reach a robust audience for his accordion-infused Latin music.

But the album, "Aqui Presente Compa," didn't reach nearly as many of SiriusXM's 30 million subscribers as Mr. Pina's manager had hoped.

The reason: In the past year the company has cut Aguila and seven other Latin music channels from its satellite-radio service, leaving the channels, which specialize in genres from salsa to reggaeton, accessible only online. Far fewer SiriusXM subscribers tune in online than listen to the satellite service on their car radios. . . http://www.wsj.com/articles/siriusxm-cuts-several-latin-music-channels-from-its-satellite-radio-service-1464738791 (via Mike Cooper, DXLD)

\*\* IRAN. 9665, VOIRI, Sirjan. Female presenter in English discussing Iranian history at 1958 on 27/04. Good (Phil Brennan, of Darwin NT, visiting Lisboa, Portugal, June Australian DX News via DXLD)

Additional broadcasts of VIRI IRIB for holiday Ramadan, June 6-July 5 1953-2250 on 7375 SIR 500 kW / 320 deg to WeAs Azeri 2200-2330 on 5930 SIR 500 kW / 240 deg to N/ME Arabic 2200-2330 on 7250 SIR 500 kW / 235 deg to N/ME Arabic 2253-0050 on 7420 SIR 500 kW / 340 deg to WeAs Azeri 2323-0020 on 7410 SIR 500 kW / 320 deg to N/ME Kurdish 0023-0120 on 7410 SIR 500 kW / 320 deg to N/ME Turkish -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* IRELAND NORTHERN [non?]. Hi All, Radio Northern Ireland is currently booming in here on 6210 kHz USB at 2000 UT, in case anyone hasn't heard them yet (Alan Gale, UK, May 31, dxldyg via DX LISTENING DIGEST)

S9 signal here in Romania at 2012 UT (-- Tudor Vedeanu, ibid.)

\*\* ITALY. Reception of Italian Pirate station Radio Latino on May 28 1545-1715 on 7585 unknown tx, relay Cuba special by Artem, Russia https://www.youtube.com/watch?v=LYZpIlc9yko&feature=youtu.be https://www.youtube.com/watch?v=9YUOPmLobXs&feature=youtu.be https://www.youtube.com/watch?v=fzgr1rzxcK8&feature=youtu.be https://www.youtube.com/watch?v=Bf7jA\_zEyDQ&feature=youtu.be https://www.youtube.com/watch?v=-Sadh-Lw8Nc&feature=youtu.be https://www.youtube.com/watch?v=HSyyRQOmsw&feature=youtu.be https://www.youtube.com/watch?v=JI8cjr7WRs4&feature=youtu.be https://www.youtube.com/watch?v=83ChnFxr-LE&feature=youtu.be https://www.youtube.com/watch?v=4GZMKD3V-JE&feature=youtu.be https://www.youtube.com/watch?v=RZXTPefOneo&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

\*\* ITALY. 7690.1-USB, Marconi Radio International via IBC Italy. 11/5 from 1757, from 1800 half-hour DX program in English mainly with tips, from 1730 program in Italian (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), June Australian DX News via DXLD)

Next broadcasts of MRI today 27 May 2016 and Thursday 2 June 2016 on 7700 kHz --- Greetings from Italy! Here is the schedule for the next broadcasts of Marconi Radio International (MRI):

Saturday, 28 May, 2016 and Thursday, 2 June 2016, from 1910 to 2000, from 2030 to 2130 and from 2200 to 2300 UT.

Our frequency is 7700 kHz (USB Mode) and power in the region of 100 watts. Please note that on Wednesday, 1 June 2016 there will be no transmission from our station. Our regular Wednesday transmissions will resume as from 8 June 2016.

We broadcast not only in English and Italian but also announcements in German, French, Spanish and Catalan.

MRI encourages reception reports from listeners. Audio clips (mp3-file) of our broadcasts are welcome! We QSL 100%. Our electronic mail address is: marconiradiointernational@gmail.com - Please donít forget to include your postal address as some lucky listeners will also receive a printed QSL card.

Last but not least, we need your help! If you use social networks, please post an announcement on Facebook or send out a tweet the day before the broadcast. You can also forward this message to a friend. This should help increase our potential audience.

We hope to hear from a lot of shortwave listeners about our transmissions. Best 73's Marconi Radio International (MRI) Old style short wave broadcasts from Italy

PS: Those listeners who are still waiting for a QSL from our station will receive our verification at the end of next week! (MRI, May 28, DX LISTENING DIGEST)

Unlike previous information, MARCONI RADIO INTERNATIONAL will not be on the air on 2 June 2016. Instead a number of test broadcasts will be aired on Wednesday, 1 June 2016 on some new frequencies according to the following schedule (All times in UT): 1800-1900 on 9290 kHz, 1930-2030 on 15070 kHz and 2100-2200 on 6390 kHz.

Reception reports can be sent by e-mail to:
marconiradiointernational@gmail.com - Please donít forget to include
your postal address as some lucky listeners will also receive a
printed QSL card. We hope to hear from a lot of shortwave listeners
about those test transmissions on some new frequencies.
Best 73's (Marconi Radio International (MRI), Old style short wave
broadcasts from Italy, May 30, DX LISTENING DIGEST)

\*\* JAPAN. RE: DXLD 16-20: "QSL card from JG2XA --- HF-Doppler (HFD) Project

This station has been heard sending "JG2XA JG2XA JG2XA UEC HFD STATION" in CW on 8006.45 kHz, using 200 watts:

JG2XA transmits continuously with 200 W on 5006 kHz and 8006 kHz. The station ID is normally transmitted every 5 minutes by amplitude modulation of the carrier in morse code with the callsign JG2XA and its objective "UEC HFD STATION". The type of radio signal is H2A (amplitude modulation with coded tones by single sideband).... (Source? Via Rob Ross, Ont., ODXA yg via DXLD)."

Actually for several months have regularly heard 5006 // 8006, with CW during a portion of every minute, not every 5 minutes (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* JAPAN [non]. 13840, May 28 at 0535, NHK World Radio Japon in French is S9 here via MADAGASCAR, and running about 7 syllables behind // 11730 which is slightly stronger on the meter, S9+10; it`s via FRANCE (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* KOREA NORTH [non]. 9470, unknown, Furusato No Kaze. 1622 to 1631. April 25. Good signal with music, good audio and modulation. Very very

little fading and no interference (Paul Walker, Galena, Alaska, Tecsun PL880 and 80 foot or 225 foot long wire, WBradio yg via DXLD)

Scheduled 1600-1630 daily in Japanese via Paochung, Taiwan, per Aoki; also on 9960 via Palau (gh, DXLD)

\*\* KOREA NORTH [non]. 5965, Shiokaze, Yamata. Japanese at 1304, NF (ex 5935) and a booming signal 21/5 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via DXLD) but by now has gone back to 5935, as below from May 31. As in DXLD 16-19, 5965 had really been in use since April 28, and before that was on 5935 (gh, DXLD)

7325, JAPAN, Shiokaze (Sea Breeze), 5/27, 1420. Woman in Japanese over soft music and giving web address ("dot JP"). Mixing at BoH with CRI's IS and then CRI (via Beijing, BtW) opening Tagalog service. VG on Hammarlund and random wire (Rick Barton, Arizona, DX LISTENING DIGEST)

New 5935, Shiokaze/Sea Breeze/JSR via Yamata (Japan), 1301, May 31. Ex: 5965; the first day on their alternate frequency; in Japanese; schedule 1300-1400; too early for N. Korea jamming to have noted the change today; Shiokaze is now blocking Tibet (Xizang PBS via Lhasa), which can be heard underneath (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

JAPAN, Frequency changes of Shiokaze Sea Breeze from May 31: 1300-1330 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Chinese Mon 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Japanese Tue 1300-1330 NF 1300-1330 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Korean Wed 1300-1330 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 English Thu 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Korean Fri 1300-1330 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Japanese Sat 1300-1330 NF 1300-1330 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Korean Sun 1330-1400 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Korean Mon 1330-1400 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Japanese Tue 1330-1400 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Korean Wed 1330-1400 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 English Thu 1330-1400 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Korean Fri 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Korean Sat 1330-1400 NF 1330-1400 NF 5935\*YAM 300 kW / 280 deg to NEAs, ex 5965 Japanese Sun 5935\*YAM 300 kW / 280 deg to NEAs, ex 7325 Japanese Dly 1405-1435 NF

\* co-ch People Broadcasting Station PBS Xizang in Chinese, scheduled: 2000-1800 on 5935 LHA 100 kW / 085 deg to EaAs Chinese PBS Xizang

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6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Chinese Mon
1600-1630 NF
1600-1630 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Japanese Tue
1600-1630 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Korean Wed
1600-1630 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 English Thu
1600-1630 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Korean Fri
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Japanese Sat
1600-1630 NF
1600-1630 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Korean Sun
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Korean Mon
1630-1700 NF
1630-1700 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Japanese Tue
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Korean Wed
1630-1700 NF
1630-1700 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 English Thu
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Korean Fri
1630-1700 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Korean Sat
1630-1700 NF
              6165#YAM 300 kW / 280 deg to NEAs, ex 6090 Japanese Sun
1630-1700 NF
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# totally blocked by China Radio International in Turkish, scheduled: 1600-1700 on 6165 URU 500 kW / 270 deg to N/ME Turkish China Radio International -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Sony ICF-2001D 30 m. long wire, WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* KOREA SOUTH. 4885, Voice / Echo of Hope, 5/26, 1155. W talking over soft music in Korean, completely overpowering the jammer thru the hour. VG (Rick Barton, Arizona, DX LISTENING DIGEST)

4885, June 1 around 1205 I notice no signal from reliable Echo of Hope, which nominally starts at 1150 (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* KOREA SOUTH. 6135, Voice of Freedom (clandestine) (presumed), 1203-1205, May 23. Found clear of the normal white noise jamming; in Korean and playing pop song; strong WN jamming started up at \*1205 (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* KOREA SOUTH. 15575, May 26 {not 25 as in original report} at 1314, KBS World Radio is somewhat listenable now that darkness on the high-latitude path is minimized, the only time of year when we can really hear it ñ yet still tough copy with heavy flutter S9 to S6, which will surely vary from day to day. Talking about increasing internet usage, of which ROK is already a leader. Believe it or not, this ``North American`` service in English stays on this same frequency all year, a total loss for about 75% of it (Glenn Hauser, OK, DX LISTENING DIGEST)

15575, KBS in English can be heard regularly and well 1300 to 1400 (Walter Eibl, 91005 Erlangen, Germany, ed., May WWDXC DX Magazine via DXLD) So must go to Europe to hear ``North American`` service (gh)

\*\* KURDISTAN [non]. No signal from Denge Kurdistan via Grigoriopol on 11600 kHz after 0530 UT May 29 -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, dxldyg via DX LISTENING DIGEST)

So did it stay off, or come back? I don't find any follow-up about this from Ivo (Glenn Hauser, June 7, DX LISTENING DIGEST)

\*\* KUWAIT. Hi friends, I heard AWR's Wavescan from 2200 to 2230 UT on 15435 kHz via Guam (0=3, without local and regional thunderstorms it would be 0=4) and the Indian DX Report presented by Prithwiraj Purkayastha. In his report he reported Radio Kuwait is broadcasting from 1800 to 2100 UT on 15540 kHz. Did they resume their transmissions. Neither WRTH 2016 (+ supplement) nor the databases I use (ILGRadio Database and the "EiBi" lists) list Radio Kuwait transmissions. I just sent him an email to verify it. I'll try to listen to them tomorrow (hmmm... today - its 0123am...) 73, (Manfred Reiff, Germany, May 28, dxldyg via DX LISTENING DIGEST)

Then, many chex for this were made with no results; and it was concluded this report among others from same source were unreliable, false (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* LIBERIA. 6050, ELWA, Monrovia. Fading in at 0639 in English with male American Preacher, female mentions iBack to the Bibleî programme at 0653. No station ID heard, into African Music at 0700. Only fair on 5/5. Heard again on 7/5 at 0733 with mentions on Liberia, very good until fading out at 0751. Tentative (John Adams, Port Douglas, Tropical Queensland (Sangean ATS-909X, 7 Metre Reel Antenna), June Australian DX News via WORLD OF RADIO 1828, DXLD)

Has to be very long path, and if he can get it as late as 0753, why can't we in North America? Should be best at  $\star 0525$  but am not hearing it then either (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

6050, ELWA Radio, Monrovia, \*0525-0535, 29-05, tuning music, at 0528 identification: "Elwa Radio...", English, religious comments. 14321 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* LITHUANIA. Lithuania is ready to develop its own broadcasting in Russian for Russian-speaking inhabitants of the Baltic states, as opposed to translations from the Russian Federation. Broadcasting could go on the basis of "Voice of America" and "Radio Liberty", or other pro-Western media.

According to Rolandas Krischyunasa, Lithuanian Ambassador to the

United States, "We have to build on what we have" and develop broadcasting in Russian in order to reach the widest possible Russian-speaking audience.

"We have a Voice of America, we have Radio Liberty / Free Europe, and we need to work hard to make these channels as loud as possible," - insists Krischyunas. - "I remember back to Soviet times, my parents listened to their radio It was accompanied by constant noise, but every word that penetrate to Lithuania for Lithuanians meant a lot It was a breath of freedom..." According to the Ambassador, Lithuania has transmitters that can be upgraded, and other equipment to start and develop broadcasting in Russian. Text and video: http://www.currenttime.tv/a/27742329.html
(Sent by Sergei Sosedkin, USA, via Moscow Information DX Bulletin Weekly electronic publication # 996, May 24, 2016, The editor of the current issue: Konstantin Gusev, via May 29 RusDX, May 31 via WORLD OF RADIO 1828, DXLD)

\*\* MADAGASCAR. This log a week ago was typoed on the wrong frequency, 9400, yet I did not notice it before nor did anyone else bring it to my attention. Any editors who published it must also publish this correxion to 9480:

9480, May 19 at 0427, MWV at S9+25 with `this day in history` excuse for a Bible lesson, ID as ``African Pathways Radio on 94-80 at 4 am UTC, and 176-40 [sic] at 6 pm UTC``. Oh, yeah? The 18 UT repeat has been AWOL for weeks, as this brand-new station still can`t get both its Continental transmitters operational.

17640, May 26 at 1800+ check, \*still\* no signal from African Pathways` other English broadcast via MWV (Glenn Hauser, OK, DX LISTENING DIGEST)

6190, La Voz Alegre (Mahajanga), 0217-0233 28 May. Still neat to hear Madagascar's entry in the 49M "Christians & Canadians v. Commies" competition. Inspirational chat in Spanish, many IDs with p-mail addresses in Fort Lauderdale & Havana [Iglesia de Cristo, Apto. 6011, Havana 6, codigo postal 10600] + thanks to the collaborators (Florida National University, among others -- and the one I mis-ID'd as Florida "International" University a few weeks ago, oops & I'll pay better attention next time-honest). (Dan Sheedy, Encinitas, CA PL380/6m X wire [v2.0]), DX LISTENING DIGEST)

9480, May 30 at 0408 check, MWV/APR in English is VG, S9+20, which is normal for this non-North-American service failing to stop at the west coast of Africa; gospel-huxtering about something even worse than being a non-believer. How could that be?? (Glenn Hauser, OK, DX LISTENING DIGEST)

17640, May 31 at 1856, still no signal from MWV's other English broadcast which existed for only a few days after its dÈbut (meant to check earlier in the hour, but normally would not have closed quite yet) (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* MALAYSIA. 11665, Limbang FM, via Wai FM, via RTM, 1317, Monday, May 23. Usual "Limbang FM" singing jingle; DJ in vernacular playing pop songs; this relay is also on Thursdays; schedule 1315 to 1400 (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

9835, Sarawak FM via Kajang, 1316, May 31. In vernacular; caught a long promo for upcoming "Wonderful Indonesia Festival"; fair.

A check of the Web found - http://goo.gl/IaoIwB

"KUCHING: The Indonesian Ministry of Tourism will be holding the Wonderful Indonesia Festival from June 3 to 4, in an effort to achieve its target of 12 million touristsí arrival globally, including those from Malaysia and specifically Sarawak.

Indonesian Consul General for Sarawak Jahar Gultom said the two-day festival would be organised in conjunction with ëPekan Gawai Naik Dangoí from June 1 to 4, which would introduce Indonesian culture in the hope that its potential would be recognised at the international level.

The event, to be held in Sambas, West Kalimantan, is part of the Indonesian governmentís efforts through its Ministry of Tourism to present the rich cultural arts of the country to attract more tourists to Indonesia.

iSambas has the potential become the ëgatewayí to attract Sarawakian tourists as well as those from other states in Malaysia to come and enjoy the various activities that are held there.

iThis is also part of our governmentís efforts to balance the number of touristsí arrivals to our country where in 2015, the number of Sarawakian tourists was only 22,000 compared to Indonesian touristsí arrivals to Sarawak, which was around 400,000.

iWith this festival, we hope that the number of touristsí arrivals from these two countries could be balanced out,î he said, adding that around 300 Malaysians are expected to visit the festival.

Speaking at a press conference held at a hotel here yesterday, Jahar

said visitors visiting Sambas for the Wonderful Indonesia Festival 2016 would have the opportunity to witness arts and cultural performances by local Indonesian artistes, traditional Dayak arts, food and a bazaar as well as blowpipe and top-spinning (gasing) competitions.

Meanwhile, Indonesian Tourism Ministry deputy marketing assistant Edi Susilo said to ease the arrival of Sarawakians to Sambas, the Indonesian government would give permits for Sarawakians to drive their own vehicles to the festival  $\tilde{n}$  on condition that they would obtain their permits at the Indonesian border.

iAt the border, Sarawakians can enter Indonesia in their own vehicles by obtaining a car sticker. But they are only allowed to be in Sambas starting from June 2 to June 5 (before 5pm)... " (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* MAURITANIA. 783, Nouakchott. Their signal is not heard for a number of months which makes me believe the transmitter is either off (and replaced by VHF-FM) or then simply running at very low power (Carlos GonÁalves POR 27 May 2016, mediumwave.info, via Biener, DXLD)

Searching the internet, I found the following web sites of Radio Mauritanie:

http://www.radiomauritanie.mr/

for Radio Mauritanie ChaÓne 1. The online stream was working when checked.

http://www.radiomauritanie.mr/rc/

and

http://radiocoran.mr/

for Radio Coran. On both sites the online stream was working when checked, but the volume was very low.

http://www.radio-culturelle.com/

There is an audio link but it keeps playing the same title.

There were more sites but they seem to be out of order. In the case of http://radiochabab.mr/

for the youth channel some links a broken. The player at http://www.radiochabab.mr/players.html

did not start.

The frequency list for Radio Mauritanie and Radio Coran at

http://www.radiomauritanie.mr/index.php/home.html

does not list any AM frequencies but only FM. Using the search routine for 1783î is found a Ramadan site for 2013 at

http://www.radiomauritanie.mr/index.php/component/content/article/873.html which still mentions both medium wave 783 kHz and short wave 7245 kHz (Dr Hansjoerg Biener 29 May 2016, DX LISTENING DIGEST)

\*\* MEXICO. RAYMIE'S MEXICO BEAT this week ---

Amplitud Terminada

A series of AMs have had their concessions terminated. Most migrated to FM on separate permits:

**XERUV** 

XEUAQ

XEJB, XEJLV (the XEJB permit is the most alarming expiration so far)

Oaxaca state network former AMs

XETNC and XETEB (replaced by XEGNAY and XESTRC)

XEUBJ

One concession is also on the list:

XEQC Puerto PeÒasco Son. - was authorized for FM (XHEQC) but I don't think ever migrated

The termination documents have broken links in the RPC.

Last edited by Raymie; 05-26-2016 at 11:02 PM

Este programa es p'blico, ajeno a cualquier partido polÌtico. Queda prohibido el uso para fines distintos a los establecidos en el programa [tagline] (Raymie Humbert, Phúnix AZ, May 26, WTFDA Forum via DXLD)

Have a transmitter site:

https://www.google.com/maps/@19.0014799,-99.5009483,3a,69.7y,23.49h,94.73t/data=! 3m6!1e1!3m4!1sSwKLhmsdyc3BH\_jXvxRJjA!2e0!7i13312!8i6656

...If you're wondering how I got this one ó or what it is ó all will be made clear soon (Raymie, May 27, ibid.)

Salvajemente...øLa Que Te Gusta?

Grupo Radio MÈxico keeps shedding stations, and Radiorama keeps gobbling them up.

It's happened this time in Mexicali, where XHMUG has apparently flipped to La Poderosa (it was La Z). XHMUG and XEAA formed GRM's Mexicali cluster. The La Poderosa name returns three years after it was dropped by XHMMF to become La Bestia Grupera.

This comes in the same month that GRM fled Los Mochis. While there is

no way they'd get out of Guadalajara or Monterrey (GRC prides itself on being in the DF, Guadalajara, Monterrey and LA), there are other markets where GRM could consider exiting.

For instance, MÈrida. Radiorama, believe it or not, does not have a presence in Yucat·n. (Baja California Sur is the other state without Radiorama ó it is thoroughly dominated by the Arechiga Espinoza interests.) GRM has two stations there, both previously owned by Grupo Rivas.

GRM also has station holdings in LeÛn (one combo), Oaxaca (one combo), Durango (one combo), Iguala, Ciudad Ju·rez (one combo), Tijuana and a particularly large cluster in TorreÛn (Raymie, May 28, ibid.)

The RPC update that I caught starting a few days ago has concluded, and there are many documents.

In with the New...

For one, we finally have a callsign for the community radio station at 106.7 in Hermosillo: XHSILL-FM. We also now have coordinates and all that fun stuff.

...and Out with the Old

A follow-up to my post from the 26th:

XEQC simply filed an extremely late renewal. The concession expired on June 5, 2014. It is required for most concessions that renewal applications be made at least a year before the concession expires. ;ngel Tenori Cruz filed for renewal...on September 1, 2014. Nope, that won't be granted.

http://rpc.ift.org.mx/rpc/pdfs/34501 160527174726 3725.pdf

There were other late renewals for permits, also denied. XEUBJ's permit expired in 2005 and a renewal attempt was made in --- 2006. XERUV's was 15 days late. XEJB-AM was four months late. http://rpc.ift.org.mx/rpc/pdfs/45409\_160527012841\_8224.pdf The same happened with XETNC, which explains its "replacement" with XEGNAY, offering the exact same service from the same facilities with almost no change to the viewer.

Others, including the ones I mentioned some time back (XHITD, XHMZL, etc.), do not have documents up. Their problem seems to be a failure to apply to convert from permit to concession. A few were probably allowed to lapse: XEUS, the Oaxaca AMs, and XEUAQ, all of which had effectively moved to FM though on separate permits. The "TERMINADO" label has not been applied to the UAT repeaters, however. I bet some

of these will fight or get new concessions and (maybe) promptly restore their old calls, though with the howls for more commercial FMs, the sudden vacancies of 90.5 Mazatl·n, 92.1 Durango and some other prime frequencies will get attention in the age of 400 kHz (Raymie, May 30, ibid.)

Weire a little more than halfway through the 2010s, which have been an eventful decade for Mexican broadcasting.

And the last two years have been eventful for me. Two years ago, I didnít know what a Radiorama was, couldnít tell you why so many FM radio stations had callsigns with Es in them, and was just as mystified about shadow channels as everyone else.

A lot has changed. Mexico has almost completely crossed the bridge to digital television. It is about to open the floodgates to new commercial radio stations for the first time in more than two decades, and more will follow as 400 kHz spacing becomes a reality nationwide.

We have the RPC, which has rewarded us with historical surprises, hundreds of AM-FM migration authorizations, hundreds of even more obscure shadow channel authorizations, and more current Mexican data than has ever been made available to the public.

Iím not posting a lot of it now, but itís being supplied to the two most important databases in the DXing community: the WTFDA FM database, and Doug Smithís database. These two complement each other. The WTFDA FM database benefits from new, more precise coordinates, updated format information, and notifications of new stations. Dougís database gets all the love from TV. You can find every shadow channel with an RPC or FCC listing, not to mention every digital television station in the country. He also gets copied on FM items, so you can find the same data in both places.

We know more now than at any time in the history of DXing Mexico. I read old DX lists and am amazed to see how far weive come. We know where Las Lajas and Altzomoni are. We can explain changes over the lifetime of a radio station that previously didnit make sense, thanks to the RPCis decades of historical concessions. We know not only what shadow channels are, but where they are and with how much power they transmit.

One thing, however, continues to bug me: the lack of reliable coordinates. In an effort to remediate this problem, I decided to look at documents that I fear are about to disappear from the IFT: lists of auxiliary broadcast services. The documents are no longer linked from any page on the site because there were changes to licensing last year. But they are still on the site if you search and filled with

coordinates to analyze.

Some coordinates didnít bring up any place that looked like a broadcast tower nearby. But others did. About 216 of them.

And that's why I'm pleased to present...

[cover image with a red-white-and green outline of Mexico with crosshairs in the middle:]

``COORDENADAS GEOGRAFICAS DE EMISORAS DE FM DE MEXICO PRIMERA EDICION BASADA EN DATOS DEL IFT CON MAS DE 210 ESTACIONES EN TODA LA REPUBLICA RH RAYMIE HUMBERT``

View and download (note: for some reason the last 13 are duplicated in Jumpshare)

http://jmp.sh/7AvNeP2

A few days ago I posted a transmitter site and said more info was coming soon on how I found it. Thatís XHMLO-FM in Malinalco, Edomex, and this is how I got it.

In some cases, my coordinates are guesses, based on the presence of transmitters and mountains in the nearby area. For instance, I have an issue with the coordinates I have for Multimedios Radio in Chihuahua Capital - they are way east of town on a ridge with some towers, and someone I know who knows a lot about radio in Chihuahua says they are at another facility in town, which also definitely has towers on it and is the MM Radio studio there.

In other cases, confirming factors exist. The XHMD-XHSO tower in Le $\hat{U}$ n features a nice old MVS logo on the transmitter building. XHCUT Cuautla Mor. broadcasts from its studios, adorned with a fancy logo for their co-owned newspaper and themselves. Several Oaxaca stations were on Cerro del Fortln, which makes a whole lot of sense (it's also the main TV site).

Some are less evident. In Caborca, XHCBR broadcasts from a small brown building with red tile trim and a little old iACIRî logo on it. Grupo ACIR has rapidly shrunk in Sonora from the days when it truly was the national leader in radioóit only operates stations in Hermosillo and has left the rest to (primarily) regional Radiorama partners such as Grupo Larsa. However, ACIR appears in XHCBRís concession history, and so we can be confident that the facility is correct. XHFCEís coordinates were a dead ringer for the ones listed on their 2000 permit in the RPC.

A vehicle parked outside can also be helpful: it nailed locations for XHVP and XHPVJ.

Other leads didnít work at all. XHRLM gave me a field on the east side of Ciudad Mante located on Calle Ricardo L $\hat{U}$ pez M $\hat{E}$ ndez. (This is noteworthy if you take a second gander at the calls. L $\hat{U}$ pez M $\hat{E}$ ndez, aside from being a poet and getting his name on streets like the one in Mante, also worked at XEW and founded radio stations in central and southern Mexico, including a former XHLM-FM in Cuernavaca and several outlets in Yucat·n.) It didnít pan out, unfortunately.

XHMG-FM didnít give a location near a tower, except that I learned Monterrey has a major street named after Jesus Dionisio Gonz·lez. If the name doesnít sound familiar, you might have DXed XHJD-FM, named directly for him, or one of the several dozen radio and TV stations owned by the company he founded: Multimedios.

I was conservative in pulling coordinates, but I pulled them nonetheless ó 217 of them, with at least two stations in every state. I ignored stations listed iXEî except for AM-FM combos, AM-FM migrants, and stations with known coordinates thanks to technical authorizations that are more recent. Almost all are commercial stations.

One station without an authorized auxiliary service, XHTF Monclova, came tumbling across too. The coordinates for XHCLO gave me an FM stick, but as I went to investigate, I saw the "EstÈreo Tiempo" sign. I eventually found XHCLO, too.

If you were to look at the tables themselves, you'd see that some coordinates have a note instead of a origin location: "NO APLICA, ES C.R." C.R. probably means control remoto. Many of the CRs went to a receiver coordinate, and then the station would have another link with a different receiver coordinate but the origin as the receiver from the last one. (The setup is a remote link to the studios and then an STL to the tower.) In other cases, the studios and transmitter are at the same place, particularly where mountains aren't as necessary for FM radio (Raymie, May 31, ibid.)

Back to television, the IFT today put up for public opinion the rules for the licensing of 148 new TV stations across the country.

## Some highlights:

-Mix and match: There are no predefined station regions, so potential bidders can pick as many or as few stations as they want, where they want them.

-New to market bonus: A 10% bonus in the economic portion of the bidding analysis will be awarded to concessionaires that do not own stations serving 15% or more of the country by population. (Sorry, Multimedios.)

-Bidders cannot participate if they already own a TV station in the area in question (so Multimedios couldn't bid on the Tampico station, but it could attempt to expand into Chihuahua Capital or San Luis Potosì).

-The least useful TV station in the package would serve 612 people at Bahla de Los Angeles, Baja California. Or you could go for Mexico City and make an effort to serve 20 million people.

-Specific channels are yet to be announced.

-Stations are likely to be awarded in the second half of 2017 with the announcement currently scheduled for July 12 (Raymie, June 2, ibid.) 40 Principales: see SPAIN [and non]

\*\* MONGOLIA. Re: [dxld 16-21] Babcock testing on 1431

Many thanks to everyone in the region or using a remote receiver who made observations of the first day's tests. I can confirm that the time for the tests is 1300-1700 GMT (clarifying my first message) and that they will continue until 28 May inclusive.

Babcock engineers are at the transmitter site supervising the tests, so there might be variations in power, etc as they adjust things from day to day, so it is worth continuing to make observations.

Thanks again (Chris Greenway, May 26, dxldyg via DX LISTENING DIGEST)

Just to make sure: Do well placed sources confirm that the planned Korean service of BBC WS is behind these tests, or did you just refer to the evidence that is overwhelming anyway?

And what about the announcements posted to US mediumwave DX lists that gave an alleged target area of South Korea? Deliberate disinfomation or just not so well placed sources?

Btw, the ND mediumwave mast of the Choibalsan site was for 882 kHz, together with two other sites, with only one of them still being active on this frequency. Domestic ND transmissions on 1350 kHz originated from Dalanzadgad instead.

209 kHz comes from the very same transmitter building than the two Choibalsan mediumwave outlets. See here: https://goo.gl/maps/mxKPsG6yK2M2

I guess 4995 kHz originated from this facility as well. Spotting an antenna for a 12 kW shortwave signal in such imagery should be

difficult, if it's still there at all (Kai Ludwig, May 26, dxldyg via DX LISTENING DIGEST)

Kai, Yes, confirmed by well-placed source. Well, no doubt BBC would allow both N and S Koreans to listen to it, but I wonder which dialect they will prefer?

My comments on the other masts/frequencies at the site were only based on a satellite view apparently annotated by wb (Glenn Hauser, ibid.)

Glenn, thank you! At last someone dared to confirm off the record what was almost painfully obvious.

Regarding the satellite view: Just to the left and to the right of the transmitter building, respectively, the single masts used for ND transmissions on 882 kHz (closed) and 209 kHz (still on). And looming under the clouds to the south the SV 4+4. For reference a picture from elsewhere, from Bolshakovo:

http://kaliningrad.rtrs.ru/files/71/81/7181cbdd60bc6c9a9c5bba1f7ddb46a3.png

Some years ago the Mongolian transmitter operator also released a photo of the 1000 kW transmitter at Choibalsan: http://www.radioeins.de/content/dam/rbb/rad/programm/medienmagazin/t/

Tschojbalsan%201000.jpg.jpg/img.jpg

To the right one 500 kW block, to the left the combiner. Out of frame to the left the equipment row continues with the second 500 kW block.

The design of the Soviet 150 kW transmitters is similar, i.e. they consist of two 75 kW blocks. This explains why this odd power level is at present listed for various Mongolian outlets and appeared in recent years elsewhere, too.

Of course it also explains possible mentions of 500 kW for this transmitter. Looks as if the present tests use only one of the blocks. Or, if the hints at powers as low as 100 kW are correct, the idle 150 kW transmitter is probably involved, too.

Concerning South vs. North Korean dialects: This question of course applies also to the existing (and past, i.e. Voice of Russia) foreign broadcasting in Korean (Kai Ludwig, ibid.)

Alexey Stepanov from Irkutsk confirms that 882 kHz is on (Mauno Ritola, May 29, ibid.)

From Choibalsan? This used to be synchronized (at least one hopes so...) transmitters at Choibalsan, Huvsgul and Murun. Only the last site is supposed to be still active on 882 kHz, and only with one

transmitter block, i.e. the typical 75 kW (Kai Ludwig, ibid.)

Right, not Choibalsan, but Murun (Mauno, ibid.)

1431 kHz - Test transmission ---- 1431 kHz heard on Hong Kong Global Tuners at 1615z, "This is a test transmission" by man with English dialect. Test tones of about 400 Hz. I listened to the tape over again and a male announcer with British dialect says "This is a Test Transmission broadcasting on 1431 kHz in the Medium Wave band". Alternating 400 Hz and 1 kHz audio tones (Steven Wiseblood/AB5GP, TX, May 28, dxldyg via DX LISTENING DIGST)

That was the final day and perhaps the final hour of the tests (gh)

The array at the Choybalsan site is a reuse of the closed one which used to broadcast on 1350 kHz. The broadcasts are supposed to be classified. I have copied the 1350 kHz entry from Inactive or Closed into 1431 kHz on my Active spreadsheet. Previously trying to keep the start of the broadcasts under wraps has been made irrelevant thanks to the widespread coverage intended to assess reception during the testing period. We still don't know which broadcaster will pay Babcock for use of their site. 73 and 88 (Dan Goldfarb, May 28, mwmasts yg via DXLD)

Location finding for shortwave Choybalsan, Dornod province, on 4995 kHz 12 kW location was hindered by lots of clouds yet. But fortunately G.E. V5 History image of Nov 3rd, 2007 show clear image of MNG SW Choybalsan, Dornod povince, 4995 kHz 12 kW, 60 mb antenna located very close to the TX house 48 00 23.59 N 114 26 31.90 E

(Wolfgang Bschel, wwdxc BC-DX TopNews May 24 via BC-DX 28 May via DXLD) Note: 4995 has been off the air for many years (gh)

\*\* MOROCCO. 9575. May 29, 2016. 1954-2030, Radio Medi 1, Nador, in Arabic (?). Arabic Moroccan song; at 1959 YL talks in French, ID; 2001 OM talks news, in French "ActualitÈ du Jour"; Next, at 2006, a musical program in French, dedicated to the MPB - M'sica Popular Brasileira, old hits (aussi la musique brÈsilienne, avec plusieurs chansons) Good signal and fair modulation, 45433 (DXer: JosÈ Ronaldo Xavier (JRX), Cabedelo-PB, Brazil, Sony ICF-SW100S, Antenna: Portable Telescopic, Hard-Core-DX mailing list via DXLD)

\*\* NEW ZEALAND. Wishes for best health and a speedy recovery go out to former Chief Editor, David Ricquish, he of Beach Babble fame. David has suffered a stroke and the last I heard he was in Kenepuru Hospital undergoing treatment. The editorial team, and the League as a whole, wish David well. Our thoughts also go out to his wife, Jo. Behind every good man (June NZ DX Times via DXLD)

David Ricquish suffered a stroke in early May. Dene Lynneberg, Pukerua Bay has been able to fill in some of details. He reports that Davidís left side has been affected which Dene notes is unfortunate as David is left-handed -- and that he is now in Kenepuru Hospital in Porirua. At the ëTimesí deadline, Dene advised that David had begun some rehabilitation exercises and that his voice is weak. Iím sure we all wish David and his wife Jo our best thoughts for his full recovery (Theo Donnelly, BC, June NZ DX Times via DXLD)

David will be best known to many DX lists as the tireless promoter of the Radio Heritage Foundation. http://www.radioheritage.net seems to be dormant as a result, altho it has a different webmaster. Perhaps there will eventually be news there about his condition (Glenn Hauser, DX LISTENING DIGEST)

I can attest to David's passion for radio. He kindly spent the day with me several years ago in Wellington, during a stop on my trans-Pacific cruise. We started at RNZI, and then drove me all over the city pointing out the rich radio history of that city. What a very decent fellow. I do hope for a good recovery from what can be a devastating event (Walt Salmaniw (MD), Victoria, BC, dxldyg via DX LISTENING DIGEST)

\*\* NEW ZEALAND. Updated A-16 schedule of RNZI in English, effective from May 16: 0459-0658 11725 RAN 050 kW / 035 deg All Pacific AM 0659-0758 9890 RAN 035 kW / 035 deg Cook Is/Tonga/Samoa DRM Mon-Fri 0659-1058 9700 RAN 050 kW / 035 deg All Pacific AM 1059-1258 9700 RAN 100 kW / 325 deg NW Pacific/PNG/Timor/Asia AM 1259-1658 6170 RAN 050 kW / 035 deg All Pacific AM 1659-1858 7330 RAN 050 kW / 035 deg Cook Is/Tonga/Samoa AM, co-ch BBC 1659-1858 5975 RAN 035 kW / 035 deg Cook Is/Tonga/Samoa DRM Sun-Fri 1859-1958 9700 RAN 050 kW / 035 deg Cook Is/Tonga/Samoa AM 1859-1958 9760 RAN 025 kW / 035 deg Cook Is/Tonga/Samoa DRM Sun-Thu 1959-2058 11725 RAN 050 kW / 035 deg All Pacific AM 1959-2058 11690 RAN 035 kW / 035 deg All Pacific DRM Sun-Fri 2059-0458 15720 RAN 050 kW / 035 deg All Pacific AM https://www.youtube.com/watch?v=I7cWPwfioHc&feature=youtu.be https://www.youtube.com/watch?v=07Sx1rMCFw8&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, May 28, DX LISTENING DIGEST)

Looks about the same as before, but perhaps some minor time changes or concerning DRM (gh)

\*\* NIGERIA. 6089.88, R. Nigeria, Kaduna. Hausa talks at 0550 under intense local QRN, and with a het from a weaker Brazil or Anguilla

closer to 6090 kHz. Fair to poor via the long path 22/5 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via DXLD)

[same] Always poor level at 2000 in the clear but a modulated mess with occasional breaks in transmission, 15/5 (Rob Shepherd, Toowoomba QLD (Marconi CR-100 (B28), JRC NRD-535D, 2 x 70 metre (229í) longwires), June Australian DX News via DXLD)

\*\* NIGERIA. 7255, Voice of Nigeria, Ikorodu, 1822-1838, 23-05, English, comments, mentioned "Nigeria". At 1838 strong interference from Vatican Radio on 7250. 14321. Also 0602-0610, 29-05, Hausa, comments.

Also heard 1810-1835, 29-05, English, identification: "This is The Voice of Nigeria", at 1828 news in brief, "African Service", "This program comes to you from The Vocie of Nigeria". 34433 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

- \*\* NORFOLK ISLAND. 1566, 0905, VL2NI, with RNZ National relay mixing presumed 3NE 21/5. One station on 1565.993, the other on 1566.002 (Bryan Clark, Mangawhai, Northland, North Island, New Zealand, WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America, July NZ DX Times via DXLD)
- \*\* NORTH AMERICA. 6925, 0501, USA [sic], Channel Z, poor in English, end transmission at 0602. 21/5 JW (Jon Wood, Waianakarua, New Zealand DX-pedition, June NZ DX Times via DXLD)
- 6925.1, 0512, USA [sic], PIRATE, Channel Z, somewhere on the East Coast. Thanks to tip from Jon Wood. ID, e-mail address, Deep Purple, Gary Glitter, Sweet etc, hrd past 0520z 21/5 (Paul Ormandy, Waianakarua, New Zealand DX-pedition, TS-2000, 425m Beverage aimed at SAm. 15m Vertical GP, June NZ DX Times via DXLD)
- 6925.1, 0515, USA [sic] (East coast?) Channel Z, pirate carrier and music faintly heard. I was able to distinguish male and female announcers and describe the music fairly well, 21/05/16 (Ian Wells, Waianakarua, New Zealand DX-pedition, Icom R-71E with a EWE to the north east, June NZ DX Times via DXLD)
- \*\* NORTH AMERICA. 6950.00-AM, May 28 at 0135, JBA carrier, no way it's readable vs noise level peaking S9+15 (storms are just NE of here, but we don't get a drop), but this thread says it's Radio Illuminati

- http://www.hfunderground.com/board/index.php/topic,28340.0.html
  (Glenn Hauser, OK, DX LISTENING DIGEST)
- \*\* NORTH AMERICA. 6935.46-AM, May 28 at 0136, JBA carrier beneath storm noise level of S9+15. This thread says it was He Man Radio: http://www.hfunderground.com/board/index.php/topic,28341.0.html (Glenn Hauser, OK, DX LISTENING DIGEST)
- \*\* NORTH AMERICA. 6940-USB, May 29 at 0122, hard rock, S7 vs noise peaks to S9; 0130 ID as Radio Free, Whatever. \*Many\* more logs: http://www.hfunderground.com/board/index.php/topic,28373.0.html (Glenn Hauser, OK, DX LISTENING DIGEST)
- \*\* NORTH AMERICA. 6924.4-USB, May 29 at 0134, hard rock at about S9, hard to tune but sounds ``best`` this far below 6925.0, cuts off at 0137\*. A few other unID logs of it: http://www.hfunderground.com/board/index.php/topic,28375.0.html (Glenn Hauser, OK, DX LISTENING DIGEST)
- Wolverine Radio: Full data "Wolverine guy" eQSL for the 5/22/16 broadcast. Said using 500 watts (Joe Filipkowski, Warwick RI, FRW May 28 via DXLD)
- \*\* OKLAHOMA. Earthquake report: UT June 2 at 0129:05 or so, the window rattles briefly as I am recording World of Radio. Could have been a sonic boom except the jets at Vance seem to be subsonic. Yes, it's a quake, soon confirmed by USGS as 3.1 magnitude, only 14 km ESE of Enid, at 0128:54, 6.2 km deep. So this one took only about 11 seconds to get here, one of the closest we've experienced so far. Thank you, beloved 0il & Gas Industry (Glenn Hauser, OK, DX LISTENING DIGEST)
- \*\* OKLAHOMA. From the Archives: 75 Years Ago ñ From the May 17, 1941 issue of DX News: The KCRC-1390 Enid, OK DX Test received 207 reports, from the NE & Central West, but none from the NW states. Furthest was from H.W. Newell of Arlington, MA (NRC DX News June 6, 2016 via DXLD)
- \*\* OKLAHOMA. 1460, KZUE, El Reno ñ Adds // K249EN-97.7 (FCC via AM Switch, NRC DX News June 6 via DXLD)
- \*\* OKLAHOMA. 1550, KMAD, Madill ñ Slogan to iHometown Country Classicsî (AM Switch, NRC DX News June 6 via DXLD)
- \*\* PAPUA NEW GUINEA. 3365, NBC, Milne Bay (Alotau). Talks in Tok Pisin at 1017, local PNG pops at 1021. Canned announcements in both English at Tok Pisin at 1116. Fair to good signal, transmissions can be rather irregular from this one, 24/5 (Rob Wagner, VK3BVW, Mount Evelyn, VIC (Yaesu FTDX 3000, Kenwood TS2000, Yaesu FRG100, Sangean ATS909, Tecsun PL-680, Double Bazooka antennas for 80, 40 and 20 metres, Par EF-SWL

End Fed antenna, BHI NEIM1031 Digital Noise Eliminating Module, MFJ-1026 Noise Cancelling Module, ATU), June ADXN via WORLD OF RADIO 1828, DXLD)

\*\* PAPUA NEW GUINEA. 7325 approx., 0815, Wantok Radio Light relaying NBC National Service weather in English on 7324.947 measured 14/5, fair. Irregular at present (Bryan Clark, Mangawhai, Northland, North Island, New Zealand, WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America, July NZ DX Times via DXLD)

[non-log]. 7324.95, Wantok Radio Light has not been heard for a while now. May 23 at 0951 (clear frequency); also CRI off at 1357\* and no WRL.

Why does CRI go off at 1253\*, instead of as they do at 1357\*? (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

\*\* PERU. 1140.25, OCY4C, R. Programas del Per', Pilcomayo-Huancayo, MAY 21 0900 - Noticeable het against WRVA, WQBA, R. Rebelde, and R. Surco; presumed this one listed at 1140.251 kHz. The K-index was briefly in the red zone due to a geomagnetic disturbance which may have enhanced the signal. Het not noted subsequent mornings during quiet geomagnetic conditions (Bruce Conti, WPC1CAT, Nashua NH; WiNRADiO Excalibur, MWDX-5 phasing unit, 15 x 18 terminated SuperLoop 60 northeast, 15 x 23-m variable termination SuperLoop 180 south. International DX Digest, NRC DX News via DXLD)

\*\* PERU. Spettacolo peruviano in onde medie --- Ascolti molto belli in onde medie di Saverio De Cian. Gran spettacolo peruviano, lo trovate sul blog di PlayDX:

https://playdxblog.blogspot.it/2016/05/tanto-peru-in-onde-medie-ascolti-di.html (Giampiero Bernardini, 27 May, playdx yg via DXLD)

Various dates thruout May, lots of Peruvians, plus other countries; an 1140 but not the same one as above, and no precise frequencies rendered (gh, DXLD)

\*\* PERU. 1499.8, 0532, Radio Santa Rosa on measured 1499.813 always putting tell-tale howl on 1500 stations 7/5 (Bryan Clark, Mangawhai, Northland, North Island, New Zealand, WinRadio G33DDC and AOR7030+ receivers, EWEs to North, Central & South America, July NZ DX Times via DXLD)

1499.9, 0352, Radio Santa Rosa, Lima, good with nice Andean music interlude, then into religion. Good all evening 21/5 (Paul Ormandy, Waianakarua, New Zealand DX-pedition, TS-2000, 425m Beverage aimed at SAm. 15m Vertical GP, June NZ DX Times via DXLD)

\*\* PERU. 4825 kHz Radio La Voz de La Selva / OM con CX y PX Con musicas Pop [QRM CODAR], SINPO 24322, 2326 UT Fecha 25 Mayo 2016, RX: Tecsun S-2000 + Headphones Antenna: Beverage simples NSSEA-21 (Daniel Wyllyans, Nova Xavantina MT Brazil, Hard-Core-DX mailing list WORLD OF RADIO 1828, DXLD)

Domestic Broadcasting Survey as of April shows it last reported in Feb: ``B 4824.4 10 PRU La Voz de la Selva, Iquitos 1000v-1300v 2300-0100v S rlg, ID: ÑLVSî, ÑLVS Noticiasì FEB16`` (Glenn Hauser, WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* PERU. 5980, May 28 at 0057, JBA carrier, so R. Chaski is on tonight and I will try to time its cutoff shortly; but retune at 0100:35, it`s already off, so must have been reset already quite earlier. Will have to monitor it continuously next time.

5980, May 29 at 0048, JBA carrier from R. Chaski, and I monitor continuously from 0056, to find it does cut off earlier than expected, 8.5 seconds before 0100! = 0059:51.5\*. So the ~6 second/24 hour slippage should proceed from there for a while.

[non] BTW, as I am setting up for this by tuning USB below 5980.00 in 0.1 kHz steps on the NRD-545, to get the best pitch to hear it cut off, I find myself playing ``Taps`` in honor of Memorial Day. It seems the four notes making up Taps are 100 Hz apart, and it sounds right in tune, as I step up and down between 5979.8 and 5979.5. Of course this can be done by stepping against any carrier, preferably JBA or unmodulated (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* PHILIPPINES. 15190, R. Pilipinas, 1755-1930\*, June 1. In Filipino; news from the "Provincial News Bureau"; sports news; long segment of "Show Business" news; song from an "ASEAN" country ("The Land I Love"); long segment with announcers chatting; many IDs; off with choral NA; fair; // 9910, clear, but very weak // 12120, very poor with CODAR QRM.

Presently Myanmar Radio broadcasts programming from NHK, VOA and R. Australia. Does the following item mean they will be adding a program from the Philippines? http://www.pbs.gov.ph/dzrp/From their "Social Media Page" (May 18):

"DFA ON LINE... Chairman of the Philippine National Commission for Culture and Arts (NCAA) Dr. Felipe de Leon Jr., with Myanmar's Permanent Secretary of the Ministry of Religious Affairs and Culture Daw Nanda Hmun, signed an Executive Program on Cultural Cooperation last Friday in Nay Pyi Taw, Myanmar.

The Executive Program aims to further develop and strengthen the Philippine's cultural cooperation with Myanmar under the purview of the 1998 Agreement on Cultural Cooperation.

Among other things, the Executive Program calls for cultural and arts exchanges, literature, and cooperation in the field of archives and architecture, and film and television. [and radio? Ron]

Philippine Ambassador Alex G. Chua, who was the witness during the ceremony hopes that the Executive Program will provide for a more active Cultural Cooperation that will serve to strengthen people-to-people linkages and promote mutual understanding.

The Executive Program is the first agreement between the Philippines and Myanmar to be signed during the commemoration of the 60th anniversary of the establishment of the Philippines-Myanmar bilateral relations." (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)

- \*\* PUERTO RICO. Official Updates from the FCC and the CRTC --- CALL CHANGES: 1580, WMTI, PR, Morovis ñ Call change to WGFE (May 5); call change back to WMTI (May 12) (AM Switch, NRC DX News June 6 via DXLD) Trafficking? (gh)
- \*\* RUSSIA. 7295, Sakha Radio, Yakutsk. 7/5 at 0340 with tiny signal and program in Russian (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), June Australian DX News via DXLD)
- \*\* RUSSIA. Hi George, My reception of Radio Sakha on 7345 continues to be fairly readable. Compare my audio with yours https://goo.gl/gmwRZz

At 1:23 you can hear the audio starting for CNR1, causing major QRM at 1101 UT. Am also able to just make out // 7295, but 7345 is many times stronger (Ron Howard, California, May 27, DX LISTENING DIGEST)

\*\* RUSSIA [non]. RADIO LIBERTY IN RUSSIAN (RADIO SVOBODA) TO STOP BROADCASTING ON SHORTWAVE FROM 26TH JUNE -

http://www.svoboda.mobi/a/27769319.html

Posted by: (Stephen Cooper, May 31, dxldyg via DX LISTENING DIGEST) Also notified of this by (George Thurman, WORLD OF RADIO 1828, DX LISTENING DIGEST)

RADIO LIBERTY, JUNE 26 CEASE BROADCASTING ON SHORT WAVE May 31, 2016 Radio Svoboda logo

From 26 June Russian service of Radio Liberty broadcasting stops short wave.

Hour broadcast is stored on the website of Radio Liberty. From 0 to 6 pm and from 21 to 22 pm Moscow time, the Russian service of the program, you can listen on medium wave at a frequency of 1386 kHz, and the clock - via Hot Bird and AsiaSat satellites. For details about the settings - on our website.

Russian Service (revised) RL beginning shortwave broadcasts March 1, 1953 under the name "Radio" Liberation. "Her first speaker was former Moscow actor Sergey Dubrovsky.

Media companies Radio Liberty / Free Europe aims to spread values ??of democracy and civil society, addressing the audience of those countries in which freedom of the press is either prohibited or restricted by the authorities, or has not yet become the norm of society.

The history of the Russian service of Radio Liberty, you can learn more about here. GOOGLE TRANSLATION

Wir damit auch der Biblis Standort bisambergisiert? Lampertheim kann wegen der Hilfestellung f'r andere IBB Standorte noch 'berleben ... wb df5sx (Wolfgang Buschel, dxldyg via DX LISTENING DIGEST)

Google attempt at translation: ``We thus bisambergisiert also the Biblis location? Lampertheim, because of the assistance of other locations yet IBB survive ... wb df5sx``

Wolfy, please translate your comment. Google does not know bisambergisiert! (Glenn to Wolfy via DXLD)

'bisamberg-isiert' = Bisamberg masts Blown-Up

is a new word creation amongst DXers in German language newsgroup, few years ago. Vienna Bisamberg was the location of ORF Vienna MW location of 240 / 600 kW on 585 and 1476 kHz.

24 Febr 2010 at 12:40hrs CET southern mast, and 15:00hrs CET, the 265meters tall northern mast blown-up.

And the word 'bisamberg-isiert' was a model word description for all blown-up measures in Vigra, Juelich, Wertachtal, Hoerby / Soelvesborg SWE, etc.

Will therefore also the Biblis site be Blown-UP soon?

10 kilometers away IBB Lampertheim installation may will survive, because of the assistance of other IBB locations worldwide ...

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(all Africa, Djibouti, Cyprus Capo Greco, Kuwait, Orzu TJK etc.)
<http://wiev1.orf.at/stories/424795>
<http://wiev1.orf.at/stories/417899>
30 videos examples on YouTube
<https://www.youtube.com/view_play_list?p=9B79494C9F1FC583>
<https://onedrive.live.com/?cid=F6E493E5179DC278&id=F6E493E5179DC278!</pre>
120&parId=F6E493E5179DC278!116&o=OneUp>
<https://de.wikipedia.org/wiki/Sender_Bisamberg>
<https://en.wikipedia.org/wiki/Sendeanlage_Bisamberg>
<http://www.alpine-energie-worklife.blogspot.com/2010/02/uber-allen-gipfeln-ist-</pre>
ruh.html>
<http://blog.lehofer.at/2010 02 01 archive.html>
<http://derstandard.at/1266541290816/Picknick-unterm-sterbenden-Radiogiganten>
<http://cid-f6e493e5179dc278.skydrive.live.com/browse.aspx/Wien%20Bisamberg>
<https://de.wikipedia.org/wiki/Sender_Bisamberg#/media/</pre>
File:Sender_Bisamberg_Mastfuss_Nordmast.jpg>
73 (Wolfgang B schel, DX LISTENING DIGEST)
Radio Liberty (Radio Svoboda) in Russian will stop broadcasting on
shortwave from June 26. Summer A16 shortwave schedule of Radio
Liberty:
0400-0500 on 7435 BIB 100 kW / 063 deg to EaEu
0400-0500 on 9635 LAM 100 kW / 055 deg to EaEu
0400-0500 on 17770 UDO 250 kW / 021 deg to FERu
0500-0700 on 9635 LAM 100 kW / 055 deg to EaEu
0500-0700 on 12015 LAM 100 kW / 055 deg to EaEu
0500-0700 on 17770 KWT 250 kW / 035 deg to FERu
0700-0800 on 9635 LAM 100 kW / 055 deg to EaEu
0700-0800 on 15195 LAM 100 kW / 077 deg to CeEu
0700-0800 on 17770 LAM 100 kW / 053 deg to CeEu
0900-1100 on 15195 LAM 100 kW / 077 deg to EaEu
0900-1100 on 17770 PHT 250 kW / 349 deg to FERu
1300-1500 on 13720 LAM 100 kW / 055 deg to EaEu
1300-1500 on 15195 LAM 100 kW / 053 deg to CeAs
1300-1500 on 17850 LAM 100 kW / 053 deg to EaEu
https://www.youtube.com/watch?v=1-X65o52doc&feature=youtu.be
1500-1600 on 11945 BIB 100 kW / 063 deg to EaEu
1500-1600 on 13720 LAM 100 kW / 055 deg to EaEu
1500-1600 on 17850 LAM 100 kW / 053 deg to EaEu
1600-1700 on 9790 LAM 100 kW / 075 deg to CeAs
1600-1700 on 13720 LAM 100 kW / 055 deg to EaEu
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1700-1800 on 7475 LAM 100 kW / 055 deg to EaEu
1700-1800 on 9490 BIB 100 kW / 088 deg to CeAs Caucasus Echo
1700-1800 on 9790 LAM 100 kW / 075 deg to CeAs
1700-1800 on 11780 LAM 100 kW / 055 deg to EaEu
1700-1800 on 11800 BIB 100 kW / 088 deg to CeAs Caucasus Echo
1800-1900 on 5930 BIB 100 kW / 063 deg to EaEu
1800-1900 on 5995 LAM 100 kW / 055 deg to EaEu
1800-1900 on 9840 LAM 100 kW / 075 deg to CeAs
1900-2000 on 5995 LAM 100 kW / 055 deg to EaEu
1900-2000 on 7475 IRA 250 kW / 340 deg to CeAs
1900-2000 on 9840 LAM 100 kW / 075 deg to CeAs
2000-2100 on 5995 LAM 100 kW / 055 deg to EaEu
2000-2100 on 7475 IRA 250 kW / 340 deg to CeAs
2000-2100 on 9540 LAM 100 kW / 075 deg to CeAs
2100-2200 on 9540 LAM 100 kW / 075 deg to CeAs
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Sony ICF-2001D 30 m. long
wire, WORLD OF RADIO 1828, DX LISTENING DIGEST)
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OPTIMISTIC BBG PLANS TO ELIMINATE RFE/RL RADIO LIBERTY SHORTWAVE RADIO TRANSMISSIONS TO RUSSIA, CRIMEA, OTHER RUSSIAN-SPEAKING REGIONS

[see original for formatting, embedded linx:] http://bbgwatch.com/bbgwatch/optimistic-bbg-plans-to-eliminate-rferl-radio-liberty-shortwave-radio-transmissions-to-russia-crimea-other-russian-speaking-regions/

BBG Watch Commentary

Russian Service of Radio Free Europe / Radio Liberty (RFE/RL) posted an announcement on its website that as of June 26, Radio Liberty Russian programs will no longer be carried through shortwave radio transmissions but will continue on the Internet. The loss of Radio Libertyís Russian shortwave broadcasts will affect radio listeners in Russia as well as Russian speakers outside of the Russian Federation, including Russian occupied Crimea where many residents speak Russian. Officials of the Broadcasting Board of Governors (BBG), the federal agency in charge of RFE/RL, bet that audiences will use the Internet without fear of being monitored or other forms of interference by the local authorities, such as blocking of websites. In the April 20, 2016 press release, the BBG condemned targeting of independent journalists in Crimea, including RFE/RL contributors.

71.3 % of Russiaís population has Internet access, which means that

nearly 30 % does not. While no one denies that shortwave radio listenership has been in serious decline in recent years due to the expanding use of digital media, Broadcasting Board of Governors officials seem to be making highly optimistic assumptions about future behavior of Vladimir Putin. Critics also point out that after years of poor management the BBG has now an extremely small audience and impact in Russia, either on radio or the Internet. iThis is yet another indication that the agency under the Broadcasting Board of Governors has no significant audience in Russia,î a former BBG staffer told BBG Watch. iThey are not closing these facilities solely because people have migrated to new media. Regardless of the media/medium, the result is still the same: no significant audience in Russia,î

BBG and RFE/RL officials often cite misleading statistics, such as the monthly number of site visitors or the number of Facebook iLikesî for a single post, to hide the fact that its overall weekly audience in Russia for all media may be less than one or two percent. Some of the remaining independent Russian media outlets, such as Meduza and Rain TV, have much greater online reach in Russia than RFE/RL or VOA, which seems to suggest that the BBG program content is unappealing or otherwise inadequate. BBG audiences are higher in countries which allow local rebroadcasting of radio and TV programs. The BBG often has to pay local broadcasters for these rebroadcasts because program quality and their audience appeal are poor. Some VOA programs, however, such as the VOA Ukrainian Service and VOA Albanian Service TV news broadcasts, are popular in the target countries. This does not appear to be the case in Russia, which does not mean that high-quality analytical programs with high-quality intellectual content are not urgently needed. There has been a general decline in journalistic standards under the Broadcasting Board of Governors. RFE/RL has not had permanent leadership for over two years.

At present, the impact of BBG programs in Russia seems negligible. In a nationally representative survey of Russia, the Associated Press-NORC Center for Public Affairs Research found iRussiansí attitudes toward the United States and President Barack Obama are extremely unfavorable and have grown sharply more negative in the last couple of years.î iEighty-one percent of Russians have an unfavorable opinion of Obama, and only 2 percent have a favorable view of him,î AP reported.

BBGís annual budget funded by U.S. taxpayers through congressional appropriations is approximately \$777 million (FY 2017 Federal Budget Request).

While the shortwave Russian radio announcement was made by RFE/RL, radio transmission services are provided by the Broadcasting Board of Governors through its International Broadcasting Bureau (IBB). RFE/RL and BBG have so far posted no announcements in English on their plans

to cut shortwave radio broadcasts in Russian to Vladimir Putinís Russia and other Russian speaking regions, including Crimea, which Russia has illegally occupied.

Media freedom in the entire region has been in decline in recent years. The latest RFE/RL and BBG press releases are dated May 25, 2016 and deal with RFE/RL journalist Khadijah Ismayilova being released from prison in Azerbaijan. The RFE/RL announcement on the planned elimination of shortwave radio broadcasts was in Russian. It was posted on Radio Libertyís Russian website.

In recent years, IBB has been significantly reducing shortwave radio broadcasting by RFE/RL and by other of its U.S. taxpayer-funded media entities, including the Voice of America (VOA). BBG officials point out that in the era of Internet and digital media, shortwave radio listenership has been in steep decline worldwide, including Russia. In 2008, IBB cut VOA Russian shortwave radio and live satellite television transmissions shortly before Russia invaded and occupied parts of Georgia.

While RFE/RL websites remain vulnerable to being blocked at any time by the Kremlin, the Russian authorities still allow RFE/RL to operate a large news bureau in Moscow which provides news reports and other programming mostly for Radio Libertyis Russian Service. This may account for the optimism among BBG officials. They apparently assume that President Putin will not dare to interfere with the Internet and try to block RFE/RL websites in Russia. However, Kremlin controlled Russian TV channel NTV produced a propaganda hit piece on Radio Free Europe / Radio Liberty (RFE/RL) which was broadcast on March 25, 2016. NTV report linked legitimate physical security measures at RFE/RL to vague accusations of allegedly hidden activities against Russia in carrying out the U.S. governmentis agenda. The Russian propaganda TV program also alleged misappropriation of U.S. taxpayersí dollars at the RFE/RL Moscow bureau. RFE/RL strongly denied these charges and in the March 18, 2016 press release condemned pressure tactics against RFE/RL bureau in Moscow. BBG and RFE/RL officials must assume that the Russian authorities will not expand these pressure tactics to include blocking of RFE/RL and VOA websites in Russia.

BBG officials claim that the money spent on shortwave can be better used to create new programs and expand digital program delivery options, but critics point out that in recent years millions of dollars of U.S. taxpayersí funds have been wasted mostly on the BBG and IBB bureaucracy in Washington, which kept expanding and protected its jobs while cutting radio broadcasts, other programs and programming positions.

New CEO John Lansing has been on the job at the Broadcasting Board of

Governors since September 2015. He has promised management reforms and expansion of digital media outreach. Critics say that instead of depriving the most vulnerable groups abroad of safe radio program delivery and an inexpensive option of getting uncensored news and commentary through radio, BBG officials should achieve savings and expand digital media by drastically cutting their own bloated and inefficient bureaucracy.

The RFE/RL announcement says that 24/7 RFE/RL radio transmissions in Russian will continue online and can be heard through the RFE/RL website. Radio Libertyis Russian audio can also be heard 24/7 on two satellites, Hot Bird and AsiaSat, according to the same RFE/RL announcement.

So far, the Russian government has not been regularly blocking RFE/RL websites in Russia, but recently Russiaís media regulator, Roskomnxdzor, briefly blocked and then unblocked RFE/RLís news website Krym.Realii (Crimea.Realities) in Russia and Moscow-annexed Crimea.

Roskomnxdzorís spokesman said that the Russian authorities later unblocked Krym.Realii (ìCrimea.Realitiesî) after RFE/RLís Crimean news desk complied with a request by Russiaís Prosecutor-Generalís Office to remove from the site ìmaterials that contain illegal information.î

RFE/RLís Crimean desk said, however, that it removed no content from the site in response to the May 12 blocking of its website by Russian Internet providers.

RFE/RLís Crimean desk chief Volodymyr Prytula said that iwe received no demands from Roskomnadzor calling for the removal of any kind of content. So we removed no content.î

While all shortwave Radio Liberty transmissions in Russian are to end on July 26, according to RFE/RLís announcement, Radio Liberty Russian Service will continue to use 1386 kHz medium wave radio frequency from midnight to 6 AM and from 9 PM to to 10 PM Moscow time. This frequency can only be heard in some parts of European Russia.

Radio Liberty (originally named Radio Liberation) began shortwave broadcasting to Russia on March 1, 1953.

See RFE/RL announcement (in Russian only) on the planned elimination of Radio Libertyis shortwave radio transmissions in Russian (BBGWatch June 1 via DXLD)

MASTERS OF BAD TIMING: BBG TO ELIMINATE RADIO LIBERTYÍS SHORTWAVE BROADCASTS IN RUSSIAN

## OPINION By Ted Lipien

[see original for formatting, several embedded linx:] http://bbgwatch.com/bbgwatch/masters-of-bad-timing-bbg-to-eliminate-radio-libertys-shortwave-broadcasts-in-russian/

The Broadcasting Board of Governors (BBG), the U.S. federal agency in charge of media outreach abroad, is planning to eliminate all shortwave radio broadcasts in Russian by U.S. taxpayer-funded Radio Free Europe / Radio Liberty (RFE/RL) as of June 26, 2016. Radio programming in Russian by Radio Libertyís Russian Service will, however, continue 24/7 online on the RFE/RL website. Radio Libertyís Russian audio will also be available 24/7 on two satellites, Hot Bird and AsiaSat, according to the RFE/RLís Russian-language announcement. Radio Liberty Russian Service will also continue to use 1386 kHz medium wave radio frequency from midnight to 6 AM and from 9 PM to to 10 PM Moscow time. This frequency can only be heard in some parts of European Russia. The BBGís other entity, the Voice of America (VOA), has not been using shortwave radio transmissions since 2008. They were eliminated by the BBG a few weeks before the August 2008 Russian invasion of Georgia. Talk about bad timing.

I have always said that we don't need the CIA. Reliable predictions as to where the next international crisis will happen can be made by looking at program cutting decisions by the Broadcasting Board of Governors. If you look at BBGis past decisions to cut programming ó not just shortwave radio but also entire services and/or satellite television transmissions ó they included broadcasts to Russia, China, Tibet, Georgia, and Ukraine. The BBG bureaucracy usually made these decisions a few weeks or months before a major crisis erupted in these countries. They have missed hints of internal repression or external aggression with remarkable consistency. It happens because the BBG has no executives with strong foreign policy and international affairs backgrounds as the Voice of America and Radio Free Europe and Radio Liberty did during the Cold War. The BBG has been an absolute disaster, a ipractically defunctî agency, to use former Secretary of State Hillary Clintonís description of the BBG. When she made her comment to Congress in 2013 she herself was an ex officio member of the BBG board.

I donít believe that shortwave radio has a strong future, but in cutting shortwave radio transmissions in Russian, Broadcasting Board of Governors officials seem far too optimistic that the Russian authorities will not block the Radio Liberty website. Russiaís media regulator, Roskomnxdzor, recently briefly blocked and then unblocked RFE/RLís news website Krym.Realii (Crimea.Realities) in Russia and Moscow-annexed Crimea. Roskomnxdzorís spokesman said that the Russian authorities later unblocked Krym.Realii after RFE/RLís Crimean news

desk complied with a request by Russiaís Prosecutor-Generalís Office to remove from the site imaterials that contain illegal information.î RFE/RL denied that it had removed any content.

Pressure on RFE/RL from the Russian government seems to be growing, although RFE/RLís large news bureau in Moscow has not been shut down by the Russian authorities. Many Western-funded NGOs have already been forced to stop operating in Russia. RFE/RL may be next unless President Putin thinks that he already has it under sufficient control in Russia by using the FSB secret police to put pressure on RFE/RL journalists and their bureau in Moscow.

In a hint of what may await Radio Liberty, Kremlin controlled Russian TV channel NTV showed last March a propaganda hit piece on RFE/RL, in which outlandish accusations were made against the American-funded broadcaster. An earlier Russian television program in News Of The Week With Dmitry Kiselyov,î the Kremlinis lead propagandist, portrayed RFE/RL journalists as spies conspiring against Russia. Nenad Pejic, RFE/RL editor in chief, called the incident ia disgusting example of intimidation,î and said that iauthorities in Russia appear to be preparing a case against us because of our journalism.î

To independent outside observers, these incidents illustrate a certain political vulnerability of the BBG relying heavily on Internet program delivery in Vladimir Putinís backyard. 71.3 % of Russiaís population has Internet access. Nearly 30 % does not. Many Russian speakers in regions outside of the Russian Federation, including Moscow-occupied Crimea, still donít use the Internet. With Putinís media making vague accusations of spying against RFE/RL, some Russians may be afraid to access Western news media websites out of concern that their Internet use could be monitored, especially in Russia-occupied territories, such as Crimea.

Broadcasting Board of Governors officials, whose ranks have grown by leaps and bounds in recent years, seem convinced, however, that shortwave radio broadcasting has absolutely no future in Russia. In 2014, the BBG established a Special Committee on the Future of Shortwave Broadcasting to conduct a comprehensive review of the efficacy of shortwave radio as a distribution platform for U.S. government-funded international media outreach. According to the BBGis iFiscal Year 2014 Performance and Accountability Report,î

iThe [BBG] committee found shortwave radio to be essential to listeners in a few target countries, but of marginal impact in most markets. Based on consistent and verifiable data, and audience-based research, it was concluded that shortwave listenership around the world has plummeted, and that shortwave usage does not generally increase during crisis situations. Consequently, BBG has budgeted for

the reduction of shortwave transmissions to countries where it is not a viable delivery platform.î

Much more worrisome, however, are minuscule audience reach numbers on any media for both RFE/RL and VOA programs in Russian. In an apparent effort to to hide this fact, the BBG makes it difficult to find on its website recent weekly audience reach statistics for its programs in Russia. RFE/RL publicizes instead less meaningful annual numbers of visitors or page views online. According to RFE/RL, iRFE/RLis Russianlanguage sites provided 266 million pages of content to almost 170 million visitors. RFE/RL Russian-language Facebook pages registered almost 23 million engaged users last year.î RFE/RLis weekly audience reach in Russia, however, is believed to be only about one or two percent of the countryis population. Kremlinis state media have huge audience numbers compared to RFE/RL and VOA. That is understandable because Russian state media have in-country distribution, including national TV networks, while the BBG does not because the Russian authorities banned domestic rebroadcasts of Radio Liberty and VOA programs. But VOA and RFE/RL are also far behind in reach and impact compared to some of the few remaining independent Russian news websites, such as Meduza. It operates from abroad on a much smaller budget but has a much larger online audience in Russia. Longtime BBG executive Jeff Trimble listening to a Gallup presentation that support for Crimea being forcefully annexed by Russia is higher among adults who use both Russian and Western media, suggesting that BBG programs may still have a negative impact for the United States. February 2016.

Longtime BBG executive Jeff Trimble listening to a Gallup presentation that support for Crimea being forcefully annexed by Russia is higher among adults who use both Russian and Western media, suggesting that BBG programs may still have a negative impact for the United States. February 2016.

Even more worrisome is the lack of significant impact of BBG programs in Russia. In a nationally representative survey of Russia, the Associated Press-NORC Center for Public Affairs Research found that iRussiansí attitudes toward the United States and President Barack Obama are extremely unfavorable and have grown sharply more negative in the last couple of years.î iEighty-one percent of Russians have an unfavorable opinion of Obama, and only 2 percent have a favorable view of him,î AP reported.

The BBG may very well be right that shortwave radio transmissions cannot do much more for augmenting its audience in Russia. But eliminating shortwave radio will not help this practically defunct agency. BBG officials have missed a very important point. BBGis impact in Russia is not low because it does not have digital outreach,

because it does, and it is not low because the Russian authorities block BBG websites, because for the time being they donít. BBGís impact in Russia is also not low because it has or does not have shortwave radio transmissions, but the overall audience reach will be smaller without them. The poorest and most vulnerable audiences wonít be served. Judging by past performance, any money saved from cutting shortwave will be wasted on consultants and the bureaucracy.

Here is what U.S. taxpayers who pay \$777.8 million to the BBG (FY 2017 Budget Request), of which \$121.1 million goes to RFE/RL and \$224.4 to VOA, need to know. BBGís impact in Russia is low because Putinís domestic propaganda is highly successful. BBGís impact in Russia is also low because BBGís program strategy and the quality and content of BBG programs are obviously inadequate.

Several trends have contributed to the current crisis. Increasing control over RFE/RL by BBGís federal bureaucracy has had a particularly negative effect. The forced merging of RFE/RL and VOA brands have rendered their respective programs and the joint program in Russian iCurrent Timeî largely ineffective. U.S. taxpayersí money is being wasted on the government bureaucracy instead of being invested in producing better quality programming that could stimulate intellectual discussion among Russian speaking elites.

The Russians donít need more news, which is available everywhere. What they need is more Western analysis and alternative domestic opinions. The BBG may not be able to achieve high audience numbers in Russia, but at least it has a chance to influence political discussion among the Russian elites with the right kind of programming. This can have a multiplier effect, as it did for much of the Cold War. During that period of high impact, Radio Free Europe and Radio Liberty employed top journalists and experts.

Eliminating shortwave radio transmissions to Russia was an expected bureaucratic response from the BBG designed to deflect attention from the real problems the agency refuses to deal with. The move attempts to show that the government bureaucracy is engaged in doing something, when in fact it is only reducing its already small audience in Russia with its shortwave decision while doing nothing to reform the agency and achieve real impact.

The political timing of this decision couldn't be worse, even assuming that eventual reductions of shortwave radio transmissions to some countries are inevitable. But the BBG bureaucracy is famous for doing the wrong thing at the wrong time or even the right thing but at the wrong time.

An anonymous RFE/RL journalist got it right in commenting on RFE/RLís

and VOAis race for achieving iëSnappy, eye-catchingi nothingness,î which seems to be BBGis current strategy.

iWhile Putin continues his inroads into former Soviet gory glory, this is how the American taxpayersí dollar is getting wasted. Incompetence, hubris and sausage measuring contests. What a shame. ëSnappy, eye-catchingí nothingness. While you gentlemen argue about ëexemplary analysisí dissecting sausage-wielding in Georgia, Russian tanks are still in Abkhazia and South Ossetia. Hereís the prequel to the sequel. ëThe Pork Awakens.í Preparing to roll into another former Soviet republic maybe, and we all know that Russian tank barrels hardly ever fire sausages, at vegans or meat-eaters alike. But go on, have some mustard. No ketchup, please. Not yet.î

Disclosure: Ted Lipien is one of the co-founders and supporters of BBG Watch (BBGWatch June 2 via DXLD)

\*\* RUSSIA [non?]. Pirate radio: May 28 from 1810 UT on 6290 kHz frequency observed Russian-speaking pirate who himself declared: "Radio KGB in the Kremlin." Cool music and no longer had anything worthwhile. At 1828 announced that: "The musical program comes to an end." Speak with a clear European focus and transmitter power is comparable to evropiratami. Sometime in the '90s, that was something like: Radio KGB, but this is clearly what the new (Pavel Ivanov, Belgorod, Russia / "deneb-radio-dx" & "open\_dx" via May 29 RusDX, May 31 via DXLD)

In the air there was also Radio Stalingrad --- pirate with Russian songs. Russian or Western Europe ---- ????? (Vasily Lazarev, Russia / "deneb-radio-dx", RusDX May 29, May 31 via DXLD

\*\* RWANDA. GERMANS CLOSE BUSINESS IN RWANDA AFTER HALF CENTURY LEASE EXPIRES --- KT Press May 31, 2016 By Jean de la Croix Tabaro http://ktpress.rw/2016/05/germans-close-business-in-rwanda-after-half-century-lease-expires/

Once a powerful facility in the region, the German owned Deutsche Welle radio center at Kinyinya hill outside Kigali is finally and completely shutting down. Itis no more.

In 1965, Rwanda leased 68.4 hectares on Kinyinya hill for fifty years to the Germans - that later set up a massive facility to boost Deutsche Welle, Germanyís international broadcaster.

iWe are stopping our short wave transmitters today and then next week we will start dismantling them and the masts in order to meet the deadline of August when our license expires,î said Bernhard Ahlborn, the deputy director of Deutsche Welle.

On March 28, 2015 the facility stopped its operations, to begin dismantling their equipment, to pave away for the handover of the Land to Rwanda government.

The Germans will today hand over the premises of the relay station with its infrastructure to the Government of Rwanda, to mark the end of 50 year concession agreement.

The Deutsche Welle relay station in Kigali has been serving African and the Middle East audiences. It was the only firm facility of the kind that was remaining. The Germans had similar facilities in other 60 countries.

According to officials at Rwanda Utilities Regulation Authorities (RURA) the land, plus houses that were developed in the area will be handed over to government of Rwanda.

The annual operational cost of Kinyinya transmitters was said to be Ä3.3 million (about Rwf2.7 billion), but it is alleged the firm was making loss, hence giving up its relay station in Rwanda.

With new technology, Frequency Modulation (FM) and internet available, the public finds no need of switching to short wave radio signals.

Today, Rwanda government officials from Ministry of Foreign Affairs and Ministry of infrastructure and the Germany Embassy will witness the handover.

The Deutsche Welle property is adjacent to hundreds of hectares of land that was acquired by Rwanda Social Security Board (RSSB) to develop affordable housing units.

Posted by: (Mike Terry, dxldyg via WORLD OF RADIO 1828, DXLD)

Not clear from this that SW was closed down more than a year ago. That's what the ''today'' quote refers to, not May 31, 2016. It fooled another forwarder of this story who didn't know Rwanda on SW was already gone. So they could have kept it going until lease expired (Glenn Hauser, ibid.)

Pity to read this. I was lucky enough to get a QSL card for a transmission via Kigali on 11-Jun-2014 (1900-2000 UT, 11865 kHz) so it always came over here quite well (Dave Harries, dxldyg via DXLD)

\*\* SARAWAK [non]. 11665, Limbang FM/Wai FM (via RTM-Kajang) 1328-1406 26 May. The Thursday 1315-14 Limbang FM broadcast was heard with a fair signal -- mostly MOR-ish Malay pop, long chat at BOH with

infrequent "Limbang FM" mentions, more Malay pop & "warta berita dari Limbang" at 1358, TC at TOH into news from RTM-Kuching studios (or so the announcement said) to 1405, then Wai FM programming with a nice long, singing Wai FM jingle (Dan Sheedy, Moonlight Beach, CA, PL380/6m X wire [v2.0], DX LISTENING DIGEST)

\*\* SAUDI ARABIA. Members, Big thanks to Tarek Zaidan for this. Following the split of Saudi stations into Radio Riyadh and Radio Jeddah I thought that it would be logical to allocate a studio location for that new version of what used to be called the second program.

After a lot of searches I finally stumbled upon the correct location. The buildings are just over 5 years old. They are absent from the year 2000 images on Google Earth. The studios are around 21 28 21N, 39 11 54E. There seems to be two curved buildings and a tall office block emerging from a low building. The local news articles refer to the construction of a complex of 14000M≤. Over the road (called Television Street) is the impressive minaret style TV tower. 73 and 88 (Dan Goldfarb, UK, May 29, mwmasts yg via DXLD)

\*\* SAUDI ARABIA. Reception of Radio Saudi International, May 31 till 0655 on 13720 RIY 500 kW / 175 deg to EaAf Swahili 0655-0658 on 13720 RIY 500 kW / 175 deg to EaAf test tone, carrier 0658-0700 on 13720 RIY 500 kW / 175 deg to EaAf Interval signal from 0700 on 13720 RIY 500 kW / 175 deg to EaAf Somali (till 0855) https://www.youtube.com/watch?v=32CleKA3DCU&feature=youtu.be https://www.youtube.com/watch?v=yA2eI\_B4A0g&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST) See also YEMEN [non]

\*\* SERBIA. Radio Novi Sad, 1269 kHz, verified an electronic report 8 days after follow/up with a full/data letter (PDF file) attached to a friendly E-mail message. V/S: Rade Uzelac, Head of Broadcast Department, Radio Novi Sad. The F/UP was sent to: veroslava.pop@rtv.rs, slobodan.arezina@rtv.rs, marketing@rtv.rs, pr@rtv.rs, rtv@rtv.rs, promocija@rtv.rs, press@rtv.rs Here is the content of Mr. Uzelac's mail:

"Dear Antonio, It was a pleasure to see that there are still people interested in listening short and medium wave stations. It is amazing that there was even a possibility of receiving a signal from such a low power transmitter in such a distance. Unfortunately we don't have QSL cards any more. I was told that we had them, but it was a long time ago. Instead, I write you a verification letter to confirm the data you have sent. Please answer me if that what I send is what you need. Best regards, Rade Uzelac Head of Broadcast Department Radio Novi Sad" (Antonello Napolitano, Taranto-ITALY, DX Fanzine nr 33, May

- \*\* SOLOMON ISLANDS. 5020, SIBC Voice of the Nation, 1124-1200\*, Sunday, May 29. Christian preaching in English along with a lot of religious singing; announcer in Pijin; 1152-1200\* with the usual format ("Evening devotional," full ID, NA); poor; not very readable; best in LSB (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via DX LISTENING DIGEST)
- \*\* SOMALILAND. SOMALIA, 7120, Radio Hargeisa, Hargeisa, 1833-1839, 29-05, vernacular comments, ham interference. 13321 (Manuel MÈndez, Lugo, Spain, Logs in Reinante, Tecsun PL-880, Sony ICF SW 7600G, Cable antenna, 8 meters, dxldyg via DX LISTENING DIGEST)

We no longer hear from the Japanese DXer who used to time its slightly varying close-down almost every night around 1900; but recall that during previous Ramadans it would extend later an hour or two (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* SOUTH CAROLINA [non]. PALAU: 9965, Overcomer Ministry via T8WH (presumed); 1220-1230+, 26-May; Bro. HyStairical with usual B.S. at tune-in, then went on a Glenn Hauser rant; referred to being called Mr. Scare & Mr. Hysterical; îWhat does Glenn Hauser know about truth anyway?î (I donít recall Glenn ever telling us we had to accept his news on faith.) Said Glenn gets free time on WBCQ. SIO=3+53+; Not // B.S. on 15770 & 11580 via WRMI(presumed). (Harold Frodge, Midland MI, DX LISTENING DIGEST)

9980, WWCR Nashville TN; 2157-2205+, 23-May; Dr. Marshallís (snake oil) program to 2158 Gab Radio Network promo, Veggie Fries ad, Radio MD promo & WWCR ID; 2200 Bro. HyStairicalís chorus & horns into a shouting B.S. while, iwalking around the radio room.î (Radio room? Is this where he listens to Glenn Hauser?) SIO=453- (Harold Frodge, Midland MI, DX LISTENING DIGEST)

11825, Overcomer Ministry via WRMI Radio Miami Intíl (presumed); 2121-2132+, 24-May; Bro. HyStairical with repeating loop, iWeíre not promoting it as Christian rap, and weíre not promoting it as a Christian who's rapping.î SIO=4+34-; QRM is Arabic chant on 11820. Same loop on 9955, 11565 & 11580, all WRMI(presumed). (WRMI engineer on a long potty break? Surely, they hang on every inspiring word from the prophet.) (Harold Frodge, Midland MI, DX LISTENING DIGEST)

Ralph Gordon Stair --- He says you don't believe in GOD; but I really think he's going off the edge of the earth by Honoring one "Craig Mack", hip-hop rapper. It's said that religion is the Last port for scoundrel. If Mr. Mack really wants to turn a new leaf, then a humble admittance that his past road was the wrong one and yet Brother Stair

permitted him to write and even sing "I have changed rap". When I heard this on his program, it was like a Weird Al Yankovic moment. Can't wait to hear your reply (Gil Neveaux, May 31, DX LISTENING DIGEST)

5765, June 1 at 0550 as I tune across WRMIBS, Brother HyStairical is talking about me again, alleging I am an Agnostic; refutes my comment that his donor-followers are ``suckers``. Also something about Napoleon I really don`t get; he seems to have done a very poor job of editing different segments together. Then check 5890 WWCR and find it totally not //, playing music only.

Alan Gale sends me a longer clip of his latest rant and says,

``Hi Glenn, Brother Scare is just having a go at you on 11580 kHz at the moment (2257 UT [May 31]), well at least he gave your WBCQ show a plug, even if unintentional. He was ranting on about Napoleon; thought he was going to burst a blood vessel. Managed to get about 80% of it recorded, which is attached.

Don't think he likes being called Brother Hysterical, but after reading some of the reports about him on the net, maybe 'Brother Molestair' might be a more appropriate name! :-D

FG Radio has just taken him off now thankfully, I hate to think what his blood pressure must be like; all that ranting can't be good for a man of that age``

The Napoleon reference was in DXLD 16-20, a comment from Harold Frodge, as clearly attributed, not me! ---

``13695, Overcomer Ministry via WRMI Radio Miami Intíl (presumed); 1445, 14-May; Bro. HyStairical said, "Napoleon ruled the known world." An audience BStress immediately shouted "Halleluhah! {sic}" (Napoleon fan?) B.S. then encouraged his flock to shout, and a shouting match ensured [sic]. (I wasnít aware that Napoleon ruled Michigan in the early 1800ís. Iím fairly sure that Michigan was "known" then.) S9 (Frodge)``

It seems dear Ralph doesn't take kindly to being mocked. BTW, credit Harold for the 'Brother HyStairical' monicker (further propagated by Ivo Ivanov), like Allan Weiner for 'Brother Scare'; not me (Glenn Hauser, OK, DX LISTENING DIGEST)

Additional transmissions of Brother HySTAIRical via WWCR from June 1: WWCR-1

0400-0500 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Fri 0500-0800 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Sat

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WWCR-2
1700-1800 on 12160 WCR 100 kW / 085 deg to CeAf English Sun
1800-2000 on 12160 WCR 100 kW / 085 deg to CeAf English Sat/Sun
2000-2300 on 9350 WCR 100 kW / 085 deg to CeAf English Sat
WWCR-3
0500-0600 on 4840 WCR 100 kW / 040 deg to ENAm English Sun
0600-0700 on 4840 WCR 100 kW / 040 deg to ENAm English Sat
0830-0930 on 4840 WCR 100 kW / 040 deg to ENAm English Sat
1000-1100 on 4840 WCR 100 kW / 040 deg to ENAm English Sun
WWCR-4
0000-0200 on 7520 WCR 100 kW / 090 deg to CeAm English Sun/Mon
Updated summer A-16 SW schedule of Brother HySTAIRical TOM, June 1:
Deleted all via WWRB Morrison/SPL Secretbrod and added via WWCR
Nashville:
0000-0100 on 5015 YFR 100 kW / 222 deg to MEXI English
0000-0100 on 5765 YFR 100 kW / 355 deg to ENAm English
0000-0100 on 5920 HRI 250 kW / 047 deg to WeEu English Mon
0000-0100 on 6855 YFR 100 kW / 285 deg to WNAm English
             7490vBCQ 050 kW / 245 deg to ENAm English Mon
0000-0100 on
0000-0100 on
             7520 WCR 100 kW / 090 deg to CeAm English Sun/Mon
             7570 YFR 100 kW / 315 deg to WNAm English
0000-0100 on
0000-0100 on
             7780 YFR 100 kW / 044 deg to WeEu English
0100-0200 on
             5015 YFR 100 kW / 222 deg to MEXI English
             5130vBCQ 050 kW / 245 deg to ENAm English Thu
0100-0200 on
0100-0200 on 5765 YFR 100 kW / 355 deg to ENAm English
             5850 YFR 100 kW / 315 deg to WNAm English
0100-0200 on
             5950 YFR 100 kW / 181 deg to Cuba English
0100-0200 on
             5985 YFR 100 kW / 222 deg to MEXI English
0100-0200 on
             6855 YFR 100 kW / 285 deg to WNAm English
0100-0200 on
0100-0200 on
             7490vBCQ 050 kW / 245 deg to ENAm English
             7520 WCR 100 kW / 090 deg to CeAm English Sun/Mon
0100-0200 on
             7570 YFR 100 kW / 315 deg to WNAm English
0100-0200 on
             7730 YFR 100 kW / 285 deg to MEXI English
0100-0200 on
0100-0200 on
             7780 YFR 100 kW / 044 deg to WeEu English
0200-0300 on 5015 YFR 100 kW / 222 deg to MEXI English
0200-0300 on 5130vBCQ 050 kW / 245 deg to ENAm English
0200-0300 on 5765 YFR 100 kW / 355 deg to ENAm English
             5850 YFR 100 kW / 315 deg to WNAm English
0200-0300 on
             5950 YFR 100 kW / 181 deg to Cuba English
0200-0300 on
             5985 YFR 100 kW / 222 deg to MEXI English
0200-0300 on
             6855 YFR 100 kW / 285 deg to WNAm English
0200-0300 on
             7490 BCQ 050 kW / 245 deg to ENAm English
0200-0300 on
0200-0300 on 7570 YFR 100 kW / 315 deg to WNAm English
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0200-0300 on
             7730 YFR 100 kW / 285 deg to MEXI English
             7780 YFR 100 kW / 044 deg to WeEu English
0200-0300 on
0200-0300 on 11530 YFR 100 kW / 160 deg to CeAm English
0300-0400 on
            5015 YFR 100 kW / 222 deg to MEXI English
0300-0400 on 5765 YFR 100 kW / 355 deg to ENAm English
0300-0400 on 5850 YFR 100 kW / 315 deg to WNAm English
0300-0400 on 5890 WCR 100 kW / 090 deg to ENAm English Tue-Sat
             5950 YFR 100 kW / 181 deg to Cuba English
0300-0400 on
0300-0400 on
             6855 YFR 100 kW / 285 deg to WNAm English
             7490vBCQ 050 kW / 245 deg to ENAm English Sun
0300-0400 on
0300-0400 on
             7570 YFR 100 kW / 315 deg to WNAm English
             7730 YFR 100 kW / 285 deg to MEXI English
0300-0400 on
0300-0400 on
             7780 YFR 100 kW / 044 deg to WeEu English
0300-0400 on 11530 YFR 100 kW / 160 deg to CeAm English
0300-0400 on 11580 YFR 100 kW / 044 deg to WeEu English
0400-0500 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Fri
0400-0500 on 5015 YFR 100 kW / 222 deg to MEXI English
0400-0500 on 5765 YFR 100 kW / 355 deg to ENAm English
0400-0500 on 5850 YFR 100 kW / 315 deg to WNAm English
             5890 WCR 100 kW / 090 deg to ENAm English
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             5950 YFR 100 kW / 181 deg to Cuba English
             6855 YFR 100 kW / 285 deg to WNAm English
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0400-0500 on
             7570 YFR 100 kW / 315 deg to WNAm English
             7730 YFR 100 kW / 285 deg to MEXI English
0400-0500 on
0400-0500 on
             7780 YFR 100 kW / 044 deg to WeEu English
0400-0500 on 11530 YFR 100 kW / 160 deg to CeAm English
0400-0500 on 11580 YFR 100 kW / 044 deg to WeEu English
0500-0600 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Sat
0500-0600 on 4840 WCR 100 kW / 040 deg to ENAm English Sun
0500-0600 on 5015 YFR 100 kW / 222 deg to MEXI English
0500-0600 on 5765 YFR 100 kW / 355 deg to ENAm English
0500-0600 on 5850 YFR 100 kW / 315 deg to WNAm English
0500-0600 on 5890 WCR 100 kW / 090 deg to ENAm English
0500-0600 on 5950 YFR 100 kW / 181 deg to Cuba English
0500-0600 on 5985 YFR 100 kW / 222 deg to MEXI English
             6855 YFR 100 kW / 285 deg to WNAm English
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0500-0600 on
             7570 YFR 100 kW / 315 deg to WNAm English
             7730 YFR 100 kW / 285 deg to MEXI English
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             7780 YFR 100 kW / 044 deg to WeEu English
0500-0600 on 11530 YFR 100 kW / 160 deg to CeAm English
0500-0600 on 11580 YFR 100 kW / 044 deg to WeEu English
0600-0700 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Sat
0600-0700 on 4840 WCR 100 kW / 040 deg to ENAm English Sat
0600-0700 on 5015 YFR 100 kW / 222 deg to MEXI English
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0600-0700 on
             5765 YFR 100 kW / 355 deg to ENAm English
             5850 YFR 100 kW / 315 deg to WNAm English
0600-0700 on
             5890 WCR 100 kW / 090 deg to ENAm English
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             5950 YFR 100 kW / 181 deg to Cuba English
             5985 YFR 100 kW / 222 deg to MEXI English
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             6855 YFR 100 kW / 285 deg to WNAm English
             7355 HRI 250 kW / 047 deg to WeEu English
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             7570 YFR 100 kW / 315 deg to WNAm English
             7730 YFR 100 kW / 285 deg to MEXI English
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             7780 YFR 100 kW / 044 deg to WeEu English
             9955 YFR 100 kW / 160 deg to CeAm English
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0600-0700 on 11580 YFR 100 kW / 044 deg to WeEu English
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0700-0800 on 5015 YFR 100 kW / 222 deg to MEXI English
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             5765 YFR 100 kW / 355 deg to ENAm English
             5890 WCR 100 kW / 090 deg to ENAm English
0700-0800 on
             5950 YFR 100 kW / 181 deg to Cuba English
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             6855 YFR 100 kW / 285 deg to WNAm English
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             7355 HRI 250 kW / 047 deg to WeEu English
             7570 YFR 100 kW / 315 deg to WNAm English
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             7780 YFR 100 kW / 044 deg to WeEu English
             9955 YFR 100 kW / 160 deg to CeAm English
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0700-0800 on 11530 YFR 100 kW / 160 deg to CeAm English
0700-0800 on 11580 YFR 100 kW / 044 deg to WeEu English
0800-0830 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Sat
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             5765 YFR 100 kW / 355 deg to ENAm English
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             5950 YFR 100 kW / 181 deg to Cuba English
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             6855 YFR 100 kW / 285 deg to WNAm English
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             7570 YFR 100 kW / 315 deg to WNAm English
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             9955 YFR 100 kW / 160 deg to CeAm English
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0800-0830 on 11530 YFR 100 kW / 160 deg to CeAm English
0800-0830 on 11580 YFR 100 kW / 044 deg to WeEu English
0830-0900 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Sat
0830-0900 on 4840 WCR 100 kW / 040 deg to ENAm English Sat
             5015 YFR 100 kW / 222 deg to MEXI English
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             5765 YFR 100 kW / 355 deg to ENAm English
             5890 WCR 100 kW / 090 deg to ENAm English
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             5950 YFR 100 kW / 181 deg to Cuba English
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             7570 YFR 100 kW / 315 deg to WNAm English
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             7780 YFR 100 kW / 044 deg to WeEu English
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             9955 YFR 100 kW / 160 deg to CeAm English
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0830-0900 on 11530 YFR 100 kW / 160 deg to CeAm English
0830-0900 on 11580 YFR 100 kW / 044 deg to WeEu English
0900-0930 on 4840 WCR 100 kW / 040 deg to ENAm English Sat
0900-0930 on 5015 YFR 100 kW / 222 deg to MEXI English
             5765 YFR 100 kW / 355 deg to ENAm English
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             5950 YFR 100 kW / 181 deg to Cuba English
             6855 YFR 100 kW / 285 deg to WNAm English
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             7570 YFR 100 kW / 315 deg to WNAm English
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             7730 YFR 100 kW / 285 deg to MEXI English
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             7780 YFR 100 kW / 044 deg to WeEu English
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             9955 YFR 100 kW / 160 deg to CeAm English
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0900-0930 on 11580 YFR 100 kW / 044 deg to WeEu English
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             5765 YFR 100 kW / 355 deg to ENAm English
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0930-1000 on 5850 YFR 100 kW / 315 deg to WNAm English
0930-1000 on 5890 WCR 100 kW / 090 deg to ENAm English
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             5950 YFR 100 kW / 181 deg to Cuba English
             6855 YFR 100 kW / 285 deg to WNAm English
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             7570 YFR 100 kW / 315 deg to WNAm English
             7730 YFR 100 kW / 285 deg to MEXI English
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             7780 YFR 100 kW / 044 deg to WeEu English
             9955 YFR 100 kW / 160 deg to CeAm English
0930-1000 on
0930-1000 on 11530 YFR 100 kW / 160 deg to CeAm English
0930-1000 on 11580 YFR 100 kW / 044 deg to WeEu English
1000-1100 on 4840 WCR 100 kW / 040 deg to ENAm English Sun
1000-1100 on 5015 YFR 100 kW / 222 deg to MEXI English
1000-1100 on 5765 YFR 100 kW / 355 deg to ENAm English
1000-1100 on 5890 WCR 100 kW / 090 deg to ENAm English
1000-1100 on 5950 YFR 100 kW / 181 deg to Cuba English
             6855 YFR 100 kW / 285 deg to WNAm English
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             7570 YFR 100 kW / 315 deg to WNAm English
             7730 YFR 100 kW / 285 deg to MEXI English
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1000-1100 on
             7780 YFR 100 kW / 044 deg to WeEu English
1000-1100 on 11530 YFR 100 kW / 160 deg to CeAm English
1000-1100 on 11580 YFR 100 kW / 044 deg to WeEu English
1000-1100 on 21675 YFR 100 kW / 087 deg to NCAf English
1100-1200 on 5015 YFR 100 kW / 222 deg to MEXI English
1100-1200 on 5765 YFR 100 kW / 355 deg to ENAm English
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1100-1200 on 5850 YFR 100 kW / 315 deg to WNAm English
1100-1200 on 5890 WCR 100 kW / 090 deg to ENAm English Mon-Fri
1100-1200 on 6855 YFR 100 kW / 285 deg to WNAm English
1100-1200 on 7570 YFR 100 kW / 315 deg to WNAm English
            7730 YFR 100 kW / 285 deg to MEXI English
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1100-1200 on 7780 YFR 100 kW / 044 deg to WeEu English
1100-1200 on 11530 YFR 100 kW / 160 deg to CeAm English
1100-1200 on 11580 YFR 100 kW / 044 deg to WeEu English
1100-1200 on 21675 YFR 100 kW / 087 deg to NCAf English
1200-1300 on 5015 YFR 100 kW / 222 deg to MEXI English
1200-1300 on 5765 YFR 100 kW / 355 deg to ENAm English
1200-1300 on 5850 YFR 100 kW / 315 deg to WNAm English
1200-1300 on 5950 YFR 100 kW / 181 deg to Cuba English
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             7570 YFR 100 kW / 315 deg to WNAm English
1200-1300 on
             7730 YFR 100 kW / 285 deg to MEXI English
1200-1300 on
             9840 HRI 250 kW / 025 deg to ENAm English Sun
1200-1300 on
             9965 HBN 100 kW / 345 deg to NEAs English
1200-1300 on
1200-1300 on
             9980 WCR 100 kW / 090 deg to ENAm English Mon-Fri
1200-1300 on 11580 YFR 100 kW / 044 deg to WeEu English
1200-1300 on 15770 YFR 100 kW / 044 deg to WeEu English
1200-1300 on 17790 YFR 100 kW / 160 deg to CeAm English
1200-1300 on 21675 YFR 100 kW / 087 deg to NCAf English
1300-1400 on 5015 YFR 100 kW / 222 deg to MEXI English
1300-1400 on 5850 YFR 100 kW / 315 deg to WNAm English
1300-1400 on 6855 YFR 100 kW / 285 deg to WNAm English
1300-1400 on 7570 YFR 100 kW / 315 deg to WNAm English
             7730 YFR 100 kW / 285 deg to MEXI English
1300-1400 on
             9455 YFR 100 kW / 181 deg to Cuba English
1300-1400 on
1300-1400 on 9980 WCR 100 kW / 090 deg to ENAm English Mon-Fri
1300-1400 on 11825 YFR 100 kW / 355 deg to ENAm English
1300-1400 on 15770 YFR 100 kW / 044 deg to WeEu English
1300-1400 on 17790 YFR 100 kW / 160 deg to CeAm English
1300-1400 on 21610^HRI 250 kW / 085 deg to CeAf English Sat/Sun
1300-1400 on 21675 YFR 100 kW / 087 deg to NCAf English
1400-1500 on 5015 YFR 100 kW / 222 deg to MEXI English
1400-1500 on 6855 YFR 100 kW / 285 deg to WNAm English
1400-1500 on 9455 YFR 100 kW / 181 deg to Cuba English
1400-1500 on 9840 HRI 250 kW / 025 deg to ENAm English Sat
1400-1500 on 9980 WCR 100 kW / 090 deg to ENAm English
1400-1500 on 11565 YFR 100 kW / 315 deg to WNAm English
1400-1500 on 11825 YFR 100 kW / 355 deg to ENAm English
1400-1500 on 13695 YFR 100 kW / 315 deg to WNAm English
1400-1500 on 15440 YFR 100 kW / 285 deg to MEXI English
1400-1500 on 15770 YFR 100 kW / 044 deg to WeEu English
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1400-1500 on 17790 YFR 100 kW / 160 deg to CeAm English
1400-1500 on 21610^HRI 250 kW / 085 deg to CeAf English Sat
1500-1600 on 5015 YFR 100 kW / 222 deg to MEXI English
1500-1600 on 6855 YFR 100 kW / 285 deg to WNAm English
1500-1600 on 9455 YFR 100 kW / 181 deg to Cuba English
1500-1600 on 9840 HRI 250 kW / 025 deg to ENAm English Sat
1500-1600 on 9980 WCR 100 kW / 090 deg to ENAm English
1500-1600 on 9955 YFR 100 kW / 160 deg to CeAm English
1500-1600 on 11565 YFR 100 kW / 315 deg to WNAm English
1500-1600 on 11580 YFR 100 kW / 044 deg to WeEu English
1500-1600 on 11825 YFR 100 kW / 355 deg to ENAm English
1500-1600 on 13695 YFR 100 kW / 315 deg to WNAm English
1500-1600 on 15440 YFR 100 kW / 285 deg to MEXI English
1500-1600 on 15770 YFR 100 kW / 044 deg to WeEu English
1500-1600 on 17790 YFR 100 kW / 160 deg to CeAm English
1600-1700 on 5015 YFR 100 kW / 222 deg to MEXI English
1600-1700 on 6855 YFR 100 kW / 285 deg to WNAm English
1600-1700 on 9265 INB 050 kW / 242 deg to CeAm English Mon-Fri
1600-1700 on 9455 YFR 100 kW / 181 deg to Cuba English
1600-1700 on 9840 HRI 250 kW / 025 deg to ENAm English
1600-1700 on 9955 YFR 100 kW / 160 deg to CeAm English
1600-1700 on 9980 WCR 100 kW / 090 deg to ENAm English
1600-1700 on 11565 YFR 100 kW / 315 deg to WNAm English
1600-1700 on 11580 YFR 100 kW / 044 deg to WeEu English
1600-1700 on 11825 YFR 100 kW / 355 deg to ENAm English
1600-1700 on 13695 YFR 100 kW / 315 deg to WNAm English
1600-1700 on 15440 YFR 100 kW / 285 deg to MEXI English
1600-1700 on 15770 YFR 100 kW / 044 deg to WeEu English
1600-1700 on 17790 YFR 100 kW / 160 deg to CeAm English
1700-1800 on 5015 YFR 100 kW / 222 deg to MEXI English
1700-1800 on 6855 YFR 100 kW / 285 deg to WNAm English
1700-1800 on 9265 INB 050 kW / 242 deg to CeAm English Mon-Fri
1700-1800 on 9455 YFR 100 kW / 181 deg to Cuba English
1600-1800 on 9840 HRI 250 kW / 025 deg to ENAm English
1700-1800 on 9955 YFR 100 kW / 160 deg to CeAm English
1700-1800 on 9980 WCR 100 kW / 090 deg to ENAm English
1700-1800 on 11565 YFR 100 kW / 315 deg to WNAm English
1700-1800 on 11580 YFR 100 kW / 044 deg to WeEu English
1700-1800 on 11825 YFR 100 kW / 355 deg to ENAm English
1700-1800 on 12160 WCR 100 kW / 085 deg to CeAf English Sun
1700-1800 on 13695 YFR 100 kW / 315 deg to WNAm English
1700-1800 on 15440 YFR 100 kW / 285 deg to MEXI English
1700-1800 on 15770 YFR 100 kW / 044 deg to WeEu English
1700-1800 on 17790 YFR 100 kW / 160 deg to CeAm English
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1800-1900 on 5015 YFR 100 kW / 222 deg to MEXI English
1800-1900 on 6855 YFR 100 kW / 285 deg to WNAm English
1800-1900 on 9265 INB 050 kW / 242 deg to CeAm English Mon-Fri
1800-1900 on 9455 YFR 100 kW / 181 deg to Cuba English
1800-1900 on 9955 YFR 100 kW / 160 deg to CeAm English
1800-1900 on 9980 WCR 100 kW / 090 deg to ENAm English
1800-1900 on 11565 YFR 100 kW / 315 deg to WNAm English
1800-1900 on 11580 YFR 100 kW / 044 deg to WeEu English
1800-1900 on 11825 YFR 100 kW / 355 deg to ENAm English
1800-1900 on 12160 WCR 100 kW / 085 deg to CeAf English Sat/Sun
1800-1900 on 13695 YFR 100 kW / 315 deg to WNAm English
1800-1900 on 15440 YFR 100 kW / 285 deg to MEXI English
1800-1900 on 15770 YFR 100 kW / 044 deg to WeEu English
1800-1900 on 17765 HRI 100 kW / 315 deg to WNAm English
1800-1900 on 17790 YFR 100 kW / 160 deg to CeAm English
1800-1900 on 21610^HRI 250 kW / 085 deg to CeAf English Mon-Fri
1900-2000 on 5015 YFR 100 kW / 222 deg to MEXI English
1900-2000 on 6855 YFR 100 kW / 285 deg to WNAm English
1900\text{-}2000 on \, 9455 YFR 100\, kW / 181 deg to Cuba English
1900-2000 on 9840 HRI 250 kW / 025 deg to ENAm English
1900-2000 on 9955 YFR 100 kW / 160 deg to CeAm English
1900-2000 on 9980 WCR 100 kW / 090 deg to ENAm English
1900-2000 on 11565 YFR 100 kW / 315 deg to WNAm English
1900-2000 on 11580 YFR 100 kW / 044 deg to WeEu English
1900-2000 on 11825 YFR 100 kW / 355 deg to ENAm English
1900-2000 on 12160 WCR 100 kW / 085 deg to CeAf English Sat
1900-2000 on 13695 YFR 100 kW / 315 deg to WNAm English
1900-2000 on 15440 YFR 100 kW / 285 deg to MEXI English
1900-2000 on 15770 YFR 100 kW / 044 deg to WeEu English
1900-2000 on 17765 HRI 100 kW / 315 deg to WNAm English
1900-2000 on 17790 YFR 100 kW / 160 deg to CeAm English
1900-2000 on 17815 HRI 250 kW / 085 deg to CeAf English Mon-Fri
2000-2100 on 5015 YFR 100 kW / 222 deg to MEXI English
2000-2100 on 5950 YFR 100 kW / 181 deg to Cuba English
2000-2100 on 6855 YFR 100 kW / 285 deg to WNAm English
2000-2100 on 9350 WCR 100 kW / 085 deg to CeAf English Sat
2000-2100 on 9955 YFR 100 kW / 160 deg to CeAm English
2000-2100 on 9980 WCR 100 kW / 090 deg to ENAm English Sat/Sun
2000-2100 on 11565 YFR 100 kW / 315 deg to WNAm English
2000-2100 on 11825 YFR 100 kW / 355 deg to ENAm English
2000-2100 on 13695 YFR 100 kW / 315 deg to WNAm English
2000-2100 on 15440 YFR 100 kW / 285 deg to MEXI English
2000-2100 on 15770 YFR 100 kW / 044 deg to WeEu English
2000-2100 on 17765 HRI 100 kW / 315 deg to WNAm English
2000-2100 on 17790 YFR 100 kW / 160 deg to CeAm English
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2100-2200 on 5015 YFR 100 kW / 222 deg to MEXI English
2100-2200 on 5950 YFR 100 kW / 181 deg to Cuba English
2100-2200 on 5985 YFR 100 kW / 222 deg to MEXI English
2100-2200 on 6855 YFR 100 kW / 285 deg to WNAm English
2100-2200 on 9350 WCR 100 kW / 085 deg to CeAf English Sat
2100-2200 on 9955 YFR 100 kW / 160 deg to CeAm English Mon-Fri
2100-2200 on 9980 WCR 100 kW / 090 deg to ENAm English Sat/Sun
2100-2200 on 11565 YFR 100 kW / 315 deg to WNAm English
2100-2200 on 11580 YFR 100 kW / 044 deg to WeEu English
2100-2200 on 11825 YFR 100 kW / 355 deg to ENAm English
2100-2200 on 15440 YFR 100 kW / 285 deg to MEXI English
2100-2200 on 17765 HRI 100 kW / 315 deg to WNAm English
2100-2200 on 17790 YFR 100 kW / 160 deg to CeAm English
2200-2300 on 5015 YFR 100 kW / 222 deg to MEXI English
2200-2300 on 5985 YFR 100 kW / 222 deg to MEXI English
2200-2300 on \, 6855 YFR 100 kW / 285 deg to WNAm English
2200-2300 on 7490vBCQ 050 kW / 245 deg to ENAm English Mon-Fri
2200-2300 on 7780 YFR 100 kW / 044 deg to WeEu English
2200-2300 on 9350 WCR 100 kW / 085 deg to CeAf English Sat
2200-2300 on 9955 YFR 100 kW / 160 deg to CeAm English Mon/Tue
2200-2300 on 9980 WCR 100 kW / 090 deg to ENAm English Sat/Sun
2200-2300 on 11530 YFR 100 kW / 160 deg to CeAm English
2200-2300 on 11565 YFR 100 kW / 315 deg to WNAm English
2200-2300 on 11580 YFR 100 kW / 044 deg to WeEu English
2200-2300 on 11750*HRI 250 kW / 047 deg to WeEu English Mon-Fri
2200-2300 on 11825 YFR 100 kW / 355 deg to ENAm English
2200-2300 on 13695 YFR 100 kW / 315 deg to WNAm English
2200-2300 on 15440 YFR 100 kW / 285 deg to MEXI English
2300-2400 on 5015 YFR 100 kW / 222 deg to MEXI English
2300-2400 on \, 5050 WRB 100 kW / 045 deg to ENAm English
2300-2400 on 6855 YFR 100 kW / 285 deg to WNAm English
2300-2400 on \, 7570 YFR 100 kW / 315 deg to WNAm English
2300-2400 on 7730 YFR 100 kW / 285 deg to MEXI English
2300-2400 on 7780 YFR 100 kW / 044 deg to WeEu English
2300-2400 on 9980 WCR 100 kW / 090 deg to ENAm English Sat/Sun
2300-2400 on 11530 YFR 100 kW / 160 deg to CeAm English
2300-2400 on 11750*HRI 250 kW / 047 deg to WeEu English Mon-Fri
2300-2400 on 11825 YFR 100 kW / 355 deg to ENAm English
7490v=7489.9 AM mode
5130v=5129.7 in CUSB
^ 17815 June 5-Sep.4
* on 9505 from Sep.4
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[note: constantly in above sked, Ivo wrote 6885, which we have corrected to 6855. And YFR really means: RMI --- gh]

- -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, June 3, DX LISTENING DIGEST)
- \*\* SPAIN [and non]. Unscheduled broadcast of Radio Exterior de EspaÒa on Wed, June 1:

1400-1800 15390\*NOB 200 kW / 161 deg to WCAf Spanish, instead of 21620 1400-1800 15500 NOB 200 kW / 110 deg to N/ME Spanish scheduled Sat/Sun 1400-1800 17715 NOB 200 kW / 230 deg to SoAm Spanish scheduled Sat/Sun 1400-1800 17855 NOB 200 kW / 290 deg to ENAm Spanish scheduled Sat/Sun \*strong co-channel Gospel For Asia / Athmeeya Yatra Radio via Media Broadcast:

till 1530 15390 NAU 250 kW / 085 deg to SEAs various SoAsian languages https://www.youtube.com/watch?v=lGHBe0K8e7w&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

\*\* SPAIN [and non]. EMISORA ëLOS 40 PRINCIPALESÍ RENUEVA SU IMAGEN Y CAMBIA SU NOMBRE

En celebraciûn por el aniversario de sus 50 aòos de existencia, la emisora Los 40 Principales estrenû nuevo nombre, logo y eslogan. Ahora se llama Los40. El nuevo nombre se aplica tanto a la emisora principal de Espaòa como a todas las ubicadas en el mundo, incluyendo Costa Rica.

La nueva marca gr·fica de Los40 est· formada por un lazo con el efecto multicolor icÛnico de esta marca que simboliza la conexiÛn entre culturas, la diversidad, la m'sica global y el entretenimiento sin fronteras, representando su presencia internacional.

El nuevo eslogan de la marca es Music Inspires Life, con el cual se pretende promover el poder de la misica para crear un cambio positivo en el mundo, parte de la nueva misiûn de marca de Los40.

Los40 es una emisora que naciÛ en EspaÒa hace 50 aÒos. En la actualidad tiene presencia en 11 paÌses de todos el mundo (de http://www.nacion.com via GRA blog May 29 via DXLD)

Apparently including Mexico, where there have been Los 40 Principales stations in many markets, starting with 540 XEWA SLP (gh, DXLD)

\*\* SRI LANKA. 11905, May 28 at \*0114:10.5, with BFO on 11904-USB, carrier on from SLBC easily detectable, but too weak to copy the music and mis-timesignal about a minute later.

11905, May 29 at \*0114:13.5, carrier on from SLBC, and prÈlude starts 0114:46.5, but can't hear any mis-timesignal a semi-minute later; skipped, or just too weak? (Glenn Hauser, OK, DX LISTENING DIGEST)

- \*\* SUDAN. 7205. May 29, 2016. 1942-1952, R. Republic of Sudan, Al Aitahab, in Sudanese. regional song; OM talks with listener by phone. Weak signal and poor modulation; sometimes, barely audible; today, with very slight interference by VOIRI (DXer: JosÈ Ronaldo Xavier (JRX), Cabedelo-PB, Brazil, Sony ICF-SW100S, Antenna: Portable Telescopic, Hard-Core-DX mailing list via DXLD)
- \*\* SUDAN [and non]. 13800, May 28 until 0527\*, R. Dabanga with good signal via MADAGASCAR until it cuts off, leaving a trace of Nauen, GERMANY, whence the final semihour now emanates per HFCC; why change? May well be the same MAD transmitter which then takes up Japan on 13840, q.v.
- 11651.25, May 31 at 0526, weak carrier here as jammer to R. Dabanga which is S9 on 11650.0 via VATICAN (Glenn Hauser, OK, DX LISTENING DIGEST)
- \*\* SWAZILAND. 11700. May 29, 2016. 1705-1714, TWR Africa, Mpangela Ranch, in Amharic presumed. YL talks, music. Very poor signal and barely audible modulation, 25431 (DXer: Josè Ronaldo Xavier (JRX), Cabedelo-PB, Brazil, Sony ICF-SW100S, Antenna: Portable Telescopic, Hard-Core-DX mailing list via DXLD)
- \*\* SWEDEN. 6060, 2007, Radio Revival in English on LSB at good level with numerous IDs and mention of legal issues, 22/05/16 (Ian Wells, Waianakarua, New Zealand DX-pedition, Icom R-71E with a EWE to the north east, June NZ DX Times via DXLD)
- \*\* TAJIKISTAN. 7245, Tajik Radio, Dushanbi-Orzu. Per WRTVH this channel is DSB. Heard at weak level in Persian to 1800\*, 15/5 (Rob Shepherd, Toowoomba QLD (Marconi CR-100 (B28), JRC NRD-535D, 2 x 70 metre (229í) longwires), June Australian DX News via DXLD)

As in DuShanBe, not meaning Double SideBand! (Glenn Hauser, DX LISTENING DIGEST)

\*\* TASMANIA [non]. Hobart Radio International This Weekend

If you're in Europe hear us on 11580 kHz at 2030-2100 UT & 2330-0000 every Saturday evening. Hear us this weekend!! Our A16 schedule can be found at:

http://www.hriradio.org/p/current-schedule.html

Also available to listen to us on live feeds via: WRMI, WBCQ, and World FM.

Show No. 8 --- On todayis musical journey weill play neglected music.

The big music bullies have nothing on the Peace Orchestra, Fat Freddys Drop, Magazin, Era, The Klaxons and Tosca and feel sophisticated as we introduce our new segment on famous quotes by Albert Einstein.

## LISTEN (MP3):

https://archive.org/download/InTheZone8/InTheZoneNo.8.mp3

More at our website: hriradio.org

For the latest updates:

Join us on Facebook at: facebook.com/hobartradiointl Over 880 likes!

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Subscribe to the RSS feed

Like what we do? Donate so we can afford more airtime and cover more regions of the world.

Kind regards, (Rob Wise. Hobart Radio International - The Voice of Tasmania, Lewisham, 7173 Tasmania, AUSTRALIA --- Hobart Radio International is a shortwave community service relayed across Europe, North America, South America and New Zealand and features the The Buzz and In The Zone shows! dxldyg via DX LISTENING DIGEST)

\*\* THAILAND. 9389.985, May 26 at 1223 no signal on R. Thailand frequency --- but that's correct as there is a 1215-1230 break between 1200 Malay and 1230 English (was there originally some other language in there, deleted?). 1228 recheck, now there's an open carrier at S7-S9, so promising for the English service which is seldom listenable here, as it's for SE Asia/Australia. However, the dead air keeps on going during the entire English semihour, isn't anyone paying attention at Udon Thani? Or maybe it's just barely modulated, until cut off at 1259:39\*; back on at \*1259:57 slightly stronger after beam change from 132 to 54 degrees in Japanese. Only by 1302 can I detect some definite modulation, but the signal has declined to S4-S7 and always with ACI from 9395 [Un]TruNews on WRMI.

9390, May 27 at 1242, R. Thailand English broadcast manages to modulate today, but really unreadable, very poor at S3-S7.

15589.972, June 1 at 0227, HSK9 off-frequency as expected from Udorn, very poor S6 signal on inside antenna vs. S9-level lightning crashes, just Thai music past 0236 (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* TIBET. 5935, Xizang PBS, Lhasa, Tibet, 2006-2008, May 11, iGood Time In Gebasangsongî Duan Yongsheng; Pengcuoqingrao, this music is a light music of Tibet; I somehow feel political background of this region by some music, 35333 (Tomoaki Wagai, Wakayama, Japan, DSWCI DX Window May 25 via DXLD)

\*\* UGANDA [non]. 12060, \*Unknown,\* Radio Lead Africa, 0511 to 0513 UT

May 28. Weak signal with a fair amount of fading but understandable. Man talking making several mentions of Africa and mentions Channel Africa (Paul Walker, Galena, Alaska, Tecsun PL880 and 80 foot or 225 foot long wire, WBradio yg via DXLD)

RLA was supposedly off the air since early April but had been scheduled to start at 0500, only on Wed, Thu, Sat. May 28 was Sat. But why would they mention Channel Africa? Perhaps Meyerton put ChAf on this instead (Glenn Hauser, DX LISTENING DIGEST)

\*\* UGANDA [non]. Clandestine via WWRB identified: See U S A: WWRB for earlier reports

Glenn: -- Clever! "Radio Munansi, North Hollywood CA" Googles out to a N Hollywood street address & five-digit "suite number". Turns out the address belongs to the local Post Office annex; the "suite number" obviously being a P.O. Box! Seems a solution to my problem of providing a street address to prying souls such as Banksters, who demand such info to justify their jobs. Personally, I've had the same P.O. Box for 22 years; I desire to give my physical address out to NO one, in or out of particular! (GREG HARDISON, somewhere in the West San Fernando Valley, WORLD OF RADIO 1828, DX LISTENING DIGEST)

15240, Sunday May 30 at 1845 check, JBA signal, but WWRB must be on, with presumed R. Munansi clandestine as has been running now for the third weekend. 15825 WWCR is also JBA now, as neither is getting any sporadic-E boost, too close to here for 'long skip'. Wolfgang B schel also reports a 'tiny S6 signal' via an SDR in Michigan. But, Walt Salmaniw in Victoria BC, not exactly the target area, was getting a 'very respectable signal'. And Mick Delmage says, 'Hi Glenn, Just reading your post about the Ugandan programs airing on WWRB. At 1820 UT Sunday May 29 they are very strong here in Central Alberta. 73' (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* UKRAINE. GOOD MORNING, UKRAINE! ARMY RADIO SEEKS COLORFUL DJ TO MOCK RUSSIANS

http://www.wsj.com/articles/good-morning-ukraine-army-radio-seeks-colorful-dj-to-mock-russians-1464274518

Army FM hopes a `cooler vibe' will drown out pro-Russian broadcasts

Alexey Makukhin, center, and Yana Kholodna, right, of Army FM interview Ben Moses, co-producer of the 1987 movie `Good Morning Vietnam,' for an Army FM broadcast. Photo: Ukrainian Ministry of Defense [caption]

By Julian E. Barnes The Wall Street Journal May 26, 2016 10:55 a.m. ET

## 4 COMMENTS

KIEV -- Ukraine's army is searching for its own Robin Williams.

Specifically, it is looking for a charismatic army disc jockey like the one Mr. Williams played in the film "Good Morning, Vietnam" three decades ago.

Alexey Makukhin, an adviser to Ukraine's military who is helping set up the station, wants a Robin Williams to help with his "big problem." Troops facing Russian-backed separatists in the east hear a steady barrage of radio and TV broadcasts that seem crafted to sow doubts about their mission.

His solution is Army FM, a radio station for Ukraine's soldiers. To make it a success he needs a DJ--a great DJ.

Donetsk radio tower [caption]

Dozens of resumÈs poured in when word about the plan got out. Mr. Makukhin interviewed about 50 DJ applicants. They were an almost complete bust.

"A lot of candidates just do not fit to the role of presenter--poor voice, cannot keep up a discussion or stop themselves," he says. "Some candidates have a fixed mind-set and are not ready to work in our format of entertaining and friendly radio."

Mr. Makukhin, a 35-year-old former TV sitcom producer, dispatched old colleagues from the military and television worlds to hunt for undiscovered talent. One military colleague, scouring the front lines where the army faces breakaway provinces, found Lidiya Huzhva.

Lidiya Huzhva works as a freelance reporter covering the Ukraine crisis. Photo: Arthur Bondar for The Wall Street Journal [caption]

With dyed blue hair and a mischievous look, Ms. Huzhva has both personality and a knowledge of the fighting. She spent 18 months as a freelance reporter interviewing Ukrainian soldiers.

She also has a good voice and understands what the station's vibe should be, a blend of "Daily Show" style humor and serious purpose like that of an armed-forces newspaper. She says Army FM should respond to pro-Russian broadcasts not with indignant rebuttals but with jokey dispatches.

"The people here need to laugh," she says. "They love comedy."

There was just one problem. Ms. Huzhva, 38 years old, doesn't really want to be a host sitting in the studio. She would rather report from the front. She also has the wrong taste in music. She likes jazz. Ukraine's soldiers like rap, hard rock and metal. For Mr. Makukhin, it was back to the search.

Two years into a conflict with Russian-backed separatists, Ukrainian soldiers have a new weapon against Russian propaganda: Army FM. Photo: Arthur Bondar for The Wall Street Journal

The music that Ms. Huzhva doesn't like, but that many soldiers do, is what they get from the Russian and separatist-province radio stations, sometimes with lyrics slamming Ukraine's government.

A separatist heartthrob named Gleb Kornilov dominates the charts at Radio Novorossia in Donetsk, in the heart of the breakaway Ukrainian region the separatists dub Novorossia, or New Russia. When the rebellion got going two years ago, he sang about the Ukrainian armed forces' alleged burning of Donetsk. More recently, he has sung of Novorossia planning to go on the offensive against the West.

"We believe in the empire with the new vigor/Our song is a military crusade/ Our music is the finger on the trigger," Mr. Kornilov sings in Russian.

Reached by phone in eastern Ukraine, Mr. Kornilov said his songs weren't about criticizing Ukraine, just the oligarchs he says took it over. He said he was both pro-Ukraine and pro-Novorossia.

"We are fighting not against the people, but against the powers that be," Mr. Kornilov said. "One person fights with a weapon, another with their art."

News on the separatist-controlled radio and television stations presents a grim picture of Ukraine, frequently accusing the Kiev government and its supporters of a range of atrocities. One broadcast said pro-Ukrainian militias had kidnapped journalists.

The stations, say Ukrainian officials, have grown adept at mirroring the actual news, quickly issuing reports about mortar strikes, artillery barrages or buses hitting land mines. While Ukrainians say rebels are responsible for the attacks, the pro-separatist radio stations assign blame to Kiev.

Other reports on channels such as Novorossia TV and Radio Free Novorossia highlight true, but unflattering, news about the Ukrainian government, particularly corruption accusations from the International Monetary Fund or the European Union. Novorossia TV and Radio Free Novorossia didn't respond to a request for comment. Ukrainian officials say they are working on addressing concerns but add that pro-separatist stations exaggerate the problem.

One common theme from the separatist broadcasting is that the Ukraine government does nothing while its soldiers sit in the mud on the front lines.

"If I watch or listen to it for an hour or two, it hits you in the head," said Lt. Col. Oleksandr Vasylenko. "Whether you want it to or not, it just influences you. Even though you know it is propaganda."

The U.S. ambassador to Ukraine, Geoffrey Pyatt, called the information war in eastern Ukraine part of a larger struggle. "The point of this Russian propaganda is not to win the argument and it is certainly not to illuminate the truth," he said. "It is to confuse. It is part of their arsenal."

Russian officials such as Moscow's ambassador to the North Atlantic Treaty Organization, Alexander Grushko, say Russia has no direct role in the fighting in Ukraine. Separatist and Russian officials say the reports Westerners call propaganda are factual broadcasts, not controlled by Russia, about Ukrainian government incompetence or corruption. It is the U.S. and Ukraine that are misleading the public, Russian officials say.

In setting up the Ukraine army radio station, Mr. Makukhin has had help from a U.S. nonprofit called Spirit of America. Unlike many nongovernment organizations in war zones that pledge neutrality, this one tries to align its efforts with U.S. objectives.

In Afghanistan, Spirit of America's workers were stationed in the field, helping provide nonlethal equipment to local police forces working with U.S. special operation forces. In Ukraine, it is providing \$200,000 to outfit Army FM's studio and put up transmitters, including one just 36 miles from Donetsk.

"The entrepreneurial, venture-capital approach is something that's rarely applied in these situations overseas," said Jim Hake, the NGO's founder. "The core of that is to support the initiative of people closest to the problem...see what works, do more of what works, and if it doesn't work stop it."

Spirit of America has no direct hand in the programming, but Mr. Hake has offered advice and said Mr. Makukhin understands that Army FM can't fight propaganda with propaganda. "Trust and credibility are more important than transmitters or radio equipment," he said.

The station's plans include airing frank interviews with Ukrainian officials to show soldiers the government is willing to address hard problems. It is important for Army FM, which is owned by the Defense Ministry, to avoid a stuffy official military style, said Yana Kholodna, a TV producer hired as an adviser.

"The challenge is to make a cool radio station," she said. After the blue-haired Ms. Huzhva didn't work out as host, Mr. Makukhin's colleagues brought him another potential find, Pvt. Oleksandr Bezsonov, a young front-line soldier who had started a pirate radio station to entertain troops at his base.

Unfortunately, his tryout didn't go well. He had technical wizardry but not the right on-air personality, Mr. Makukhin said. Army FM hired him as a sound engineer instead, and then made him sound director for several of the shows.

On March 1 the station went on the air in beta form, without a morning host. Even so, its opening words were a nod to Mr. Makukhin's quest for a soldier-DJ: "Good Morning, Ukraine."

He hasn't given that quest up, but in late March he turned to a veteran civilian radio presenter, Philip Boiko. In its early form, Army FM's morning show is a mix of front-line news (Ukraine's use of MiG 29 jet fighters), pop culture (Axl Rose's turn as frontman for AC/DC) and long tales of historical Ukrainian war heroes. In one, Mr. Boiko celebrated the ingenuity of a volunteer who made a mobile sauna for soldiers out of an old military truck.

Refuting "fake news and announcements" from the occupied east will be part of his show, he said. Bands whose music he has played include a Russian one called DDT that was founded by a Kremlin critic.

Mr. Boiko, 38, doesn't pretend to have the manic energy of the DJ star of "Good Morning, Vietnam." But he figures that good rock music and his mix of sarcasm and humor can keep the soldiers listening.

Mr. Makukhin, while still keeping his eye out for the military service member he can put on the air, says he can't complain about his civilian DJ.

"Eight a.m. in Kiev. `Soldiers, wake up!' " Mr. Boiko boomed on a recent broadcast as he as greeted the troops. "Morning infotainment show starts its second part, and I, Philip Boiko, greet all the listeners of Army FM. Especially our heroes in the military zone who diligently fight with separatist and occupying bastards, protecting their motherland." (via Mike Cooper, DXLD)

\*\* UKRAINE [non]. Radio France. 15770, May 26 at 2130-2200. At this time and DOW [day of week] on this frequency is supposed to be R. France per the WRMI schedule, but today it was actually Radio Ukraine which is listed nowhere in their schedule on any frequency. The only entry for R. Ukraine in the Primetime Shortwave listings is on 11580 at 2330. 73, (Jim K5JG, Carrollton, TX, ptsw yg via DXLD)

I already reported: ``15770, Wed May 4 at 2129, WRMI with 1-minute commercial from the ``Smart Money Guy`` --- a spot ad, quite a rarity on SW, not part of a program block. 2130 into `Blues Radio International`, instead of Radio France International still on the schedule for 2115-2200 Wed; and last Thu at 2130-2200 we also heard Ukraine instead of France, so is RFI on WRMI at all any more? (Glenn Hauser, OK, DX LISTENING DIGEST)

In fact, the WRMI sked as of May 28 still does show RUI at 2330-2400 M-F only, on 11580, as other programming has encroached on Sat/Sun. This has also been noticed elsewhere, sic in translation:

UKRAINE [non]. For some time now, it is obvious from the May 3, through an RUI WRMI passed to 2330 UT on 11580 kHz already on weekdays only. On Saturday night, at the time I heard muz.programmu Hobart Radio Int, and therefore the next night on the program should be DigiDX. If this continues, then soon very RUI may disappear on this radio station. A couple of years ago was broadcast every day two times per night at two frequencies. Audibility at 11580 is now great (Russian SWL / DX site Forum of Ukraine on SW, via RusDX May 22 via DXLD)`` (Glenn Hauser, ibid.)

Glenn, I'm not a regular listener to those particular broadcasts, so didn't remember your report from over three weeks before. I reported the anomaly the first time heard it. It's apparently incredibly hard for some of the broadcasters to keep their published schedules up to date. Thanks 73, (Jim K5JG, Carrollton, TX, ibid.)

\*\* U K. I discovered one mistake hearing the BBC World Service English programme on 15400 at around 1852. The programme was the World Business Report. It contained a frequency announcement between two items in which the presenter welcomed its middle-eastern listeners who are listening on 6195 khz. The problem is that 6195 kHz feed broadcasted a different programme: it was a sport programme and not the World Business Report (Tibor Gaal, Budapest, Hungary, May 27, dxldyg via DX LISTENING DIGEST)

\*\* U S A. 2097.3-CW, June 1 at 0608 UT check, 15-watt beacon sending A every dekasecond can be detected, from Quartzsite AZ, despite hi local storm noise level (Glenn Hauser, OK, DX LISTENING DIGEST) {Note: it appears the town is spelt Quartzsite despite the rock being quartzite}

\*\* U S A. 12350/USB, Chris Parker giving Weather Information and suggesting routes to people contacting him via radio. Chris claimed to be in Tortola on his sail boat, the Bel Ami. I knew this wasnít iYour Fatherísî weather report so I looked up 12350 kHz in my Klingenfuss Utility Radio Stations guide. It is ship stations channel 1241, Tortola R, British Virgin Islands. The QSX frequency is 13197 USB. The signal was very good but it started to wane after 1300 UT. This heard May 24 at approximately 1245 as I sat on my screen porch listening to the SW radio. I looked up Chris Parker on the internet; apparently he is well known in weather and sail boating circles. Sony ICF 2010 and PAR EF-SWL antenna (Gary Vance, Grand Ledge MI, MARE Tipsheet 27 May via DXLD)

As per my recent report, Parker runs WCY from Lakeland FL on 12350-USB; was he really on Tortola at that date? Maybe someone else (gh)

\*\* U S A. 25910/FM, WQGY434, Eldorado TX (Dallas transmitter?), KLDE 104.9 FM studio relay; 1415-1425+, 24-May; Oldies, iThis is the station with the better variety of music, 104.9 FM KLDEî; ad for the Community Medical Clinic. Very good with brief dropouts. Still well up at 1817.

25910/FM, WQGY434, Eldorado TX (Dallas xmtr?), KLDE 104.9 FM studio relay; 1335, 31-May; iGood times & great oldies, KLDE 104.9 FM, the only stationî; ads for First Community Federal Credit Union, SW Texas Electric Co^p & John E. Metter Construction; spot for the Eldorado Fighting Eagles. Good with brief dropouts (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! ----- DX LISTENING DIGEST)

\*\* U S A [and non]. 9885, May 26 at 0601, VOA French with an echo a syllable or two apart, adding up to S9+10. 0600 is the supposed switchover time during the one-hour M-F broadcast, from S"o TomÈ site to Greenville (why bother?), but ST is late to turn off, not until 0602:40\* after which GB is in the clear.

6080, May 26 at 0635, JBA carrier, so only VOA S"o TomÈ as scheduled in English until 0700. Persistently during B-15, Greenville bigsig had been overriding it after 0630 only (Glenn Hauser, OK, DX LISTENING DIGEST)

I do not hear VOA on 15580 after 1830 UT anymore. Used to come in very well especially from 2000 to 2200. Now I hear nothing. Was heard in April but in numerous checks this month I have not heard it after 1830 UT (Peter W Hansen, FL, May 27, dxldyg via DX LISTENING DIGEST)

Will check it later from 1830 UT today. Just now Border Crossing

message read from Uganda and Argentina via Botswana transmitter, at 1520 UT heard widely here in Europe at S=9+15 ... +20dB level, scheduled 1430 S,,o TomÈ, and Botswana relay at 15-20 UT. 73 wb df5sx (Wolfgang B,schel, 1526 UT, ibid.)

Where are you located? It's coming in on the Twente receiver at the moment (1845 UT) peaking at 10 over S9 (Richard Langley, NB, ibid.)

Hi Richard, Location is West Palm Beach area of South Florida. Glad to hear it is still on was afraid that VOA had made a cut to their schedule; it must just be that the signal is just not making it here. Or that it's not 350 beam and on the 10 beam now. Thank You (Peter W Hansen, 1930 UT, ibid.)

Hi Peter, It's now 1853 UT on 27 May, and I can just hear VOA on 15580 kHz and // 6080. Weak signal here though (Alan Roe, Teddington, UK, Winradio G31 + 17 m wire antenna, ibid.)

I checked it at 1715-1725, then 1759-1902 UT today. Everything was fine as usual, it was as stable as before. I haven't detected any distortions, interference, interruptions or other anomalies except the usual, small-scale fading. Signal is strong as usual (Tibor Gaal, Budapest, Hungary, May 27, ibid.)

VOA Africa is audible on both 15580 and 6080 kHz. Here NE of Cologne reception on 6080 kHz is a bit better with S9+20 dB using an AOR AR-7030plus connected to an Inverted-V antenna directed 145 (to East Africa). In parallel I listened to Twente: 6080 was S9+20 dB, 15580 was S9+10. Lots of thunderstorms disturbing the signal here. 73, (Manfred Reiff, ibid.)

Here in southern Germany S=9 or -71dBm and a lot of thunderstorm scratches at 1920 UT on May 27. 1928 UT, report on terrorist Nusra front in Aleppo etc. Help by Erdogan and weapons delivery? 73 wb df5sx (Wolfgang Buschel, ibid.)

During a monitoring project in mid May, 15580 kHz was the best frequency of VoA Botswana in Europe. On the occasion of the complaint, I checked the frequency again with this result: 160529 1835-1925 h UTC 15580 kHz 35433

1835 on air good signal Nightline Africa: with non stop African music, 1850 commentary on Africaís big problems: mixed review of the first year of Nigerian president Buhari in office. 1855 good-bye from the moderator, African music, VoA editorial on the occasion of memorial day in the US --- http://editorials.voa.gov/ --- 1900 VoA 1 news update: migrants shipwrecked in the Mediterranean, battle for Fallujah (IQ), Ñcollateral damageì of drone attack on Mullah Omar, no agreement for Hajj between Saudi Arabia and Iran, Libertarian Party/Johnson,

fire at a pensionersí home, Peru presidential race, 1905 ÑVoA 1 the best music todayì US music from the Top 100 eg 1920 Ñshut up and dance with meì, 1925 Ñyou belong with meì (Dr Hansjoerg Biener, May 29, DX LISTENING DIGEST)

7425, May 28 at 0137, JBA carrier despite storm noise level, i.e. the Greenville leapfrog of 7305 over 7365 another 60 kHz higher. If conditions were quiet, would hear R. Martl audio already from 7365 transmitter, to be joined by Vatican audio from 7305 at 0144 (Glenn Hauser, OK, DX LISTENING DIGEST) See also GEORGIA [non]; RUSSIA [non]!

\*\* U S A. Am 06.05.2016 um 16:57 schrieb VOA Radiogram: Hello friends, Lately we have been trying to determine why some listeners have less success with Olivia 64-2000 than with MFSK32, even though, in theory, Olivia 64-2000 should be more robust. I suggested that the problem might be related to the bandwidth of the receiver, given that Olivia 64-2000 is 2000 Hz wide.

A few days ago I was at a friend. He owns a Tablet PC with a Android operating system. So I could see the decoding software TIVAR in action for the first time. In MFSK32 all outstanding work, but with Olivia modes there were apparently problems - no decoded text.

Despite good reception the internal signal level of Olivia modes is always relatively small; at MFSK there are usually full scale on the bar display. But for this, there was a solution: Setting the squelch slider to zero. This is also in FLDIGI essential necessary: Squelch to zero at Olivia variants! This may be a (simple) cause for "Olivia problems" (roger, germany, ibid.)

I suggested the same thing (squelch causes no-decode in Olivia) to Kim Elliot a couple weeks ago. I think he's on vacation at the moment however, so I've heard no response. Seems obvious to me too, but I wonder if there are other issues as well? //Ken Z (Kenneth Vito Zichi, MI, ibid.)

\*\* U S A. From: VOA Bengali Sent: 31 May 2016 23:59:13

From: "VOA Bengali" <voabengali@outlook.com>

To: wghauser@yahoo.com

Subject: VOA Bengali coming to shortwave

Hello Mr Hauser, My name is Anish Lalit from the Voice of America Bengali department. We would like to please spread to fellow shortwave friends we are going to be on shortwave at the times below.

6040: 0000 - 0100 UT 1234567 from Udon Thani with Az 280 7305: 0300 - 0400 UT 1234567 from Udon Thani with Az 276

We begin on Sunday 5th June 2016.

Please take our regards from VOA Bengali team. Yours faithfully, (Anish Lalit, VOA Bengali department, WORLD OF RADIO 1828, DX LISTENING DIGEST)

WRTH shows Bengali has been only on MW 1575 (from Thailand) at 16-17, so will that continue too? (gh to Anish; no reply)

Hi Glenn, There was no resumption of VOA Bangla on shortwave. And the VOA Bangla Service does not know anyone named Anish Lalit. (It's unlikely anyone in VOA Bangla would refer to the service as "VOA Bengali.") VOA Bangla continues on 1575 kHz at 16-17 UT (Kim Elliott, VOA, June 7, dxldyg via DX LISTENING DIGEST)

Kim, Very interesting; was rather odd to be coming from an Outlook address, but they did display the VOA logo. What's the point of such a prank?

Does VOA Burmese continue unabated, then, on SW? I had a JBA carrier today on 9370 other than WWRB, so something is still being transmitted (Glenn Hauser, DX LISTENING DIGEST)

Hi Glenn, I'm told by the IBB frequency manager that there are no major changes to the VOA schedule, so VOA Burmese continues on its present schedule. Oh well, these anomalies do happen from time to time. Thanks for keeping us radio enthusiasts informed (Kim Elliott, DX LISTENING DIGEST)

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Summer A-16 shortwave schedule of VOA In Burmese till June 4 [sic]
2330-0030 on 6040 UDO 250 kW / 280 deg to SEAs
2330-0030 on 7440 IRA 250 kW / 057 deg to SEAs
2330-0030 on 12110 PHT 250 kW / 270 deg to SEAs
0130-0230 on 7305 UDO 250 kW / 276 deg to SEAs
0130-0230 on 15110 PHT 250 kW / 283 deg to SEAs
0130-0230 on 17780 PHT 250 kW / 283 deg to SEAs
1200-1230 on 11965 PHT 250 kW / 270 deg to SEAs
1200-1230 on 15565 PHT 250 kW / 283 deg to SEAs
1200-1230 on 17680 PHT 250 kW / 315 deg to SEAs
https://www.youtube.com/watch?v=JdQfV-sD64g&feature=youtu.be
1430-1530 on 11965 IRA 250 kW / 057 deg to SEAs
1430-1530 on 5885 PHT 250 kW / 270 deg to SEAs
1430-1530 on 9370 PHT 250 kW / 270 deg to SEAs
https://www.youtube.com/watch?v=fxFjJ3yuu8w&feature=youtu.be
1530-1630 on 5885 PHT 250 kW / 270 deg to SEAs
1530-1630 on 9370 PHT 250 kW / 270 deg to SEAs
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From June 5 will be reduced to 2 hours & 2 frequencies: 0000-0100 on 6040 UDO 250 kW / 280 deg to SEAs 0300-0400 on 7305 UDO 250 kW / 276 deg to SEAs -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

NO! above two broadcasts will be BENGALI, as per notice I have already forwarded direct from the VOA Bengali service (Glenn Hauser, ibid.)
OR SO WE THOUGHT; see above (gh) See also GEORGIA; RUSSIA [non]

\*\* U S A. 13695, WRMI Radio Miami Intíl; 2100-2130+, 26-May; Glenn Hauserís World of Radio #1827 to 2128:57 into brief religipop tune. 2129:31 Spanish WRMI ID; 2130:00 into English Blues Radio Intíl program. S20 peaks with touch-o-QSB/QRN and occasional subdued buzzes (Harold Frodge, Midland MI, DX LISTENING DIGEST)

\*\* U S A [and non]. WORLD OF RADIO 1827 monitoring: confirmed Thursday May 26 at 2100 on WRMI 13695, very good; also confirmed Thu May 26 at 2330 on WBCQ 9329.9-CUSB, fair. Also confirmed Fri May 27 at 2130 on WRMI 15770, very poor; 2130.5 on WRMI 13695, very good. Also confirmed Fri May 27 at 2330 on WBCQ 9329.9-CUSB, fair. Next: Sat 0630 HLR 6190-CUSB to SW Sat 0700 Unique Radio 3210 NSW low-power Sat 1400 Unique Radio 3210 NSW low-power HLR 7265-CUSB to SW Sat 1430 Sat 1930v WAORCR 1860-AM ND Sat 2230 WBCQ 9330v-CUSB to WSW Sun 0310v WAORCR 1860-AM ND Sun 0830 Unique Radio 3210 NSW low-power Sun 2330 WBCQ 9330v-CUSB to WSW Mon 0030 WRMI 7730 to WNW [apparently canceled; not last week] Mon 0300v WBCQ 5130v Area 51 to WSW Mon 0330 WRMI 9955 to SSE Mon 2330 WBCO 9330v-CUSB to WSW Tue 1100 WRMI 9955 to SSE Tue 2130 WRMI 15770 to NE Tue 2330 WBCQ 9330v-CUSB to WSW

Tue 2330 WBCQ 9330v-CUSB to WSW Wed 1315.5 WRMI 9955 to SSE Wed 2100 WBCQ 7490v to WSW Wed 2330 WBCQ 9330v-CUSB to WSW

WORLD OF RADIO 1827 monitoring: confirmed Sat May 28 after 2230 on WBCQ, 9329.9-CUSB, fair. Also confirmed UT Sun May 29 starting at 0323 on WAORCR, 1860-AM, Wentzville MO, poor in noise level. Next: Sun 0830 Unique Radio 3210 NSW low-power

Sun 2330 WBCQ 9330v-CUSB to WSW

Mon 0030 WRMI 7730 to WNW [apparently canceled; not last week]

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Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330
           WRMI 9955 to SSE
Mon 2330
          WBCQ 9330v-CUSB to WSW
Tue 1100
          WRMI 9955 to SSE
Tue 2130
          WRMI 15770 to NE
Tue 2330
           WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100
          WBCQ 7490v to WSW
Wed 2330
           WBCO 9330v-CUSB to WSW
```

WORLD OF RADIO 1827 monitoring: confirmed Sunday May 29 at 2330 on WBCQ 9329.885-CUSB, fair after usual opening loop of ``WBCQ The Planet`` IDs and ISes. Also confirmed UT Monday May 30 after 0030 on WRMI 7730, good (so its replacement by other stuff last week must have been an anomaly --- or a make-good for some paid program which missed its proper airing). Also confirmed UT Monday May 30 at 0301 on Area 51 webcast and presumably WBCQ 5129.9-AM, which was confirmed on air after 0330 with HRI. WOR also confirmed UT Monday May 30 at 0330 on WRMI 9955, good. Next:

```
Mon 2330 WBCQ 9330v-CUSB to WSW
Tue 1100 WRMI 9955 to SSE
Tue 2130 WRMI 15770 to NE
Tue 2330 WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
Wed 2100 WBCQ 7490v to WSW
Wed 2330 WBCQ 9330v-CUSB to WSW
(Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)
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WORLD OF RADIO 1827 monitoring: confirmed Monday May 30 at 2330 on WBCQ, 9329.878-CUSB, and wavering slightly; fair. NOT confirmed Tuesday May 31 at 2130 on WRMI 15770, which is off the air for the second week (among other frequencies: see separate WRMI log); confirmed Tue May 31 at 2330 on WBCQ, 9329.932-CUSB, poor. Next: Wed 1315.5 WRMI 9955 to SSE Wed 2100 WBCQ 7490v to WSW Wed 2330 WBCQ 9330v-CUSB to WSW

WORLD OF RADIO 1827 monitoring: tuned in just too late to confirm Wed June 1 at 1315.5 airing on WRMI 9955, but confirmed on air at 1345 with VM. WOR confirmed Wed June 1 at 2100 on WBCQ webcast, following just some noise after canned ID; only a JBA carrier before 2130 on 7490. Also confirmed Wed June 1 at 2330 on WBCQ 9330-CUSB, JBA.

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WORLD OF RADIO 1828 monitoring: ready for first airings Thu June 2: Thu 1130 WRMI 9955 to SSE [confirmed S9, no jamming]
Thu 2100 WRMI 13695 to NW
Thu 2330 WBCQ 9330v-CUSB to WSW
Fri 2130 WRMI 15770 to NE
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Fri 2130.5 WRMI 13695 to NW
Fri 2330
          WBCO 9330v-CUSB to WSW
Sat 0630
          HLR 6190-CUSB to SW
Sat 0700 Unique Radio 3210 NSW low-power
Sat 1400
          Unique Radio 3210 NSW low-power
Sat 1430
          HLR 7265-CUSB to SW
Sat 1930v WAORCR 1860-AM ND
Sat 2230
          WBCQ 9330v-CUSB to WSW
Sun 0310v WAORCR 1860-AM ND
Sun 0830
          Unique Radio 3210 NSW low-power
Sun 2330
           WBCQ 9330v-CUSB to WSW
Mon 0030
          WRMI 7730 to WNW
Mon 0300v WBCQ 5130v Area 51 to WSW
Mon 0330
          WRMI 9955 to SSE
Mon 2330
          WBCQ 9330v-CUSB to WSW
Tue 1100
          WRMI 9955 to SSE
Tue 2130
          WRMI 15770 to NE
Tue 2330
          WBCQ 9330v-CUSB to WSW
Wed 1315.5 WRMI 9955 to SSE
          WBCQ 7490v to WSW
Wed 2100
Wed 2330
          WBCQ 9330v-CUSB to WSW
(Glenn Hauser, OK, DX LISTENING DIGEST)
```

\*\* U S A. 11580, Unid weak signal, presumed RMI on 13/05 at 0231 with mis-match music program featuring evergreen iUp Up the Wayi [sic], followed by Muslim sermon(?), next disco songs in German, Spanish, etc. (Rumen Pankov, Sofia, Bulgaria (Sony ICF2001D, Folded Marconi ant own made), June Australian DX News via DXLD) ``World Music`` deliberately ``mis-matched`` (gh, DXLD)

9955, May 26 at 0600, WRMI is playing The Overcomer theme music, instead of another hour of World Music as is often the case (Glenn Hauser, OK, DX LISTENING DIGEST)

9395, WRMI Radio Miami Intíl (presumed); 2130-2041+, 27-May; Jim Bakker Show; JB said that God told him that a 9-point earthquake will hit Japan soon, wiping out the country. Then Jim hawked freeze-dried food. SIO=454 (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! ----- DX LISTENING DIGEST)

Was he speaking backwards from 2130 to 2041?? (gh, DXLD)

11580, May 29 at 0103, tuning across WRMI, I double take as it sounds like Dead Gene Scott, but whew, not // 6090 where PMS is pontificating. WRMI sked shows Harvest Time at 0100-0115 UT Sundays (Glenn Hauser, OK, DX LISTENING DIGEST)

WRMI relay music, instead of Brother Stair TOM, May 31: 0645 & 0958 on 11580 YFR 100 kW / 044 deg to WeEu English tx#9. Same situation, music on // 5015 tx#1, 5765 tx#8, 5950 tx#14, 6885 tx#5, 7570 tx#11, 7780 tx#3, 9955 tx#10 and 11530 tx#4. https://www.youtube.com/watch?v=iL9k5\_ECnUA&feature=youtu.be https://www.youtube.com/watch?v=shKYMvEkoHQ&feature=youtu.be https://www.youtube.com/watch?v=Rox8RKQFiV0&feature=youtu.be

WRMI relay Brother Stair TOM on May 31, as scheduled in A-16 from 1200 on 15770 YFR 100 kW / 044 deg to WeEu English tx#3 https://www.youtube.com/watch?v=mPu5IL1z0pc&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

13695, Tue May 31 at 2021 I find very strong open carrier/dead air from WRMI instead of Brother HyStairical, so then check the others: also dead on 17790, 15440, 11825, 11580, 11565. I do make out some barely audible music on 15770, 9955. Past 2037, 15440 and the others are still dead. The other 9, 6 and 5 MHz are too absorbed to tell whether they are on the air. Next check at 2135: 13695, modulating a Spanish DX program.
21675, on but very poor as usual, presumed R. Africa Network.
15440, 11565, open carrier/dead air; at 2140, 15440 with BS resumed.
17790, 15770, 11580, now OFF the air; 11825 too? only a JBA carrier.
6855, JBA carrier, unknown if modulated (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 5129.917, WBCQ, 0002 UT (Wolfgang Bueschel, morning of May 22, wwdxc BC-DX TopNews, [no mention of remote, so maybe direct to Germany] dxldyg via DX LISTENING DIGEST)

see BC-DX #1254, no mention of remote, an example:
Others on log this UT morning, May 22 on 0000-0230 UT,
monitored on remote FL-USA site: <<<<<<<<

5129.917 USA WBCQ at 0002 UT on May 22, S=7 or -83dBm strength. x5110kHz (Wolfgang B schel, DX LISTENING DIGEST)

7489.98-AM, UT Sat May 28 at 0048, WBCQ with `Allan Weiner Worldwide` in progress; Pirate Joe on the phone. Also // 5129.9-AM and synchronized, but much weaker in storm noise level, which 7490 can`t overcome either. Can`t hear anything on 3250 if it`s on, just noise, while 9330 as usual during this hour is Blalock the Blaster.

Tuned in just in time, since at 0053 they exclaim, ``God bless Glenn Hauser``, doing World of Radio [almost] since the days of CW; someone remarx that there are so many numbers in it that you have to record it. At 0110 Allan has some other program info: a special this Sunday

only, at 4-5 pm ET [20-21 UT], just before `Marion`s Attic` on 7490, with the band Honey Radio, on a special called `Bright Cartoon` [not sure of those names as I only hear them once, and not recording]. TimTron is now co-host in the studio. At 0116 someone reports that 3250 is stronger than 5130 but noisier, so I try it again at 0118: yes, barely detectable on 3250.02 and seems to be synchronized, but not positive.

At 0121, Allan recounts the WOR times on WBCQ: daily at 7:30 pm Eastern, except Saturday at 6:30 pm; also on 7490 Wednesday at 5 pm Eastern. Also plugs the `Just Right` show, Thursday at 9 pm Eastern on 5130, reporting on legalizing pot in Canada, which Allan endorses for everywhere in the US --- get over it! Someone is recording AW`s book ``Access to the Airwaves`` as an audio book which will be available for free download. After benedixion and some further comments, AWWW is over at 0132:40 as 7490 switches to Brother Scare (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A [and non]. June 2016 Schedule for Broad Spectrum Radio

Hello friends, Here's our June programming schedule for Broad Spectrum Radio:

We will be airing a single one hour block of programs each week, which will air on each of our three relay stations (WBCQ-North America and beyond), Channel 292 (Europe and Beyond), and Unique Radio (Australia and beyond), as well as bonus programming (mostly music) as we have funds and/or stations donate us time.

Our block schedule for regular programs is as follows:

First week of the month (June 5-11): Mennonite Radio (30 mins), Nappy Roots Radio (30 mins).

Second week of the month (June 12-18): Exploring Aspergia (30 mins), other programming TBD (30 mins.

Third week of the month (June 19-25): Nappy Roots Radio (30 mins), Other programming TBD (30 mins)

Fourth week of the month (June 26-July 2): Peace Buzz (one hour) Fifth week of the month (none for June): Exploring Aspergia and/or bonus programming

These programs will be aired on

WBCQ-USA, 7490 kHz on Thursdays at 2300 UT (6 p.m. CDT) Unique Radio-Australia, 3210 kHz on Sundays at 0900 UT (4 a.m. CDT) Channel 292-Germany, 6070 kHz on Mondays at 1400 UT (9 a.m. CDT)

And as always, all programming can be heard via our mixcloud streaming

channel: http://mixcloud.com/broadspectrumradio and most of our programming can be downloaded from our website, Broadspectrumradio.com.

Thanks for listening and please share this with anyone who might be interested. James Branum for Broad Spectrum Radio
-- (James Matthew Branum, OK, May 27, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* U S A. 15240 Ugandan WWRB: Not on after 1500, but on after 1600, with hilife(?) music rest of hour, and 1700 the Ugandan clandestine(?). Good signal here, while 15825 WWCR is JBA! How is 15240 getting into South Africa, Bill? (Glenn Hauser, OK, 1617 UT May 28, dxldyg via DX LISTENING DIGEST)

Hello Glenn, Here in Montreal, 15240 is quite strong with African music at 1730 UT going on, no ID for me yet. 73 (Gilles Letourneau Twitter: @shortwaveradios http://www.youtube.com/officialswlchannel ibid.)

Hi Glenn, sorry for delay, just picked up your mail. Nothing heard on 15240 as of 1758-1800 on May 28. Maybe I'm too late? (Bill Bingham, RSA, ibid.)

Heard on the west coast at fair/good level with non-English talk at 1805 (Walt Salmaniw, BC, ibid.)

Ditto here in Southern CA from 1812 tune  $\tilde{n}$  SINPO 35433 with slow QSB. (Bruce Churchill, 1816 UT, ibid.)

Hello everyone, Yes it is still there at 1805 UT with good signal here into Montreal, 15240 with some talk in unknown language, heard many times 'radio' and 'oppressor'; does sound like some clandestine station (Gilles Letourneau, ibid.)

Still nothing heard in South Africa, as of 1830. Can't even find a carrier (Bill Bingham, Johannesburg, ibid.)

Fairly weak via the Twente receiver for the past 1/2 hour: S5 to S7. (Richard Langley, 1837 UT, ibid.)

Signed off just after about 1900 UT. Dave mentioned the frequency and the service and the availability of the 5050 kHz service but all difficult to hear and understand. The signal had deteriorated since earlier (Richard Langley, NB, ibid.)

15240, Sat May 28 at 1522, start checking for the weekend-only African

service of WWRB which could start as early as 1500, but not really yet. Next check at 1612 it`s on with African music, good signal and a song mentioning Uganda, but no announcements, no monolog from Dave, just seguÈs to more songs at 1616, 1627, 1632.5.

I try again at 1656, only to hear the music cutting off and on at the rate of about twice per second, bad feed. 1658.5 stops to dead air; 1659.2 different music and WWRB YL canned ID; 1700:18 intro music to mystery Ugandan clandestine, like heard last week, and 1701 national(?) anthem, Uganda song. 1705.6 starts talking about Uganda in probable Luganda language, never any English.

At the outset, 1612, I compared 15240 to neighbor 15825 WWCR, and found the latter much weaker, in fact JBA! Still so at 1700, while WWCR 13845 was fair, and 12160 very good. Last check at 1817, WWRB has weakened and WWCR has strengthened, more or less even now. Perhaps due to the vagaries of a wandering sporadic E patch, and there had been some typically deep fades.

As for its success, I asked Bill Bingham in South Africa if he could hear it, and checking during the hour after 1800 today, not at all, not even a carrier. WWRB frequency slightly on lo side but I don't get around to measuring it; After last Saturday's broadcast Wolfgang B schel commented:

``WWRB on exact 15239.976 kHz at 18-19 UT on May 21. Facts: WWRB Morrison TN, Tennessee USA, distance TN to Uganda 12,700 kilometers, very long distance for 100 kW power, but no curtain antennas of 20dB gain registered yet, only log-periodic antenna there 805 LPH 18/36.5/32.2/16.7/1.4/13.2/200 and rhombic long-range antenna of 902 RH 155/68/40 and bad adjacent channel selection, covered by 500 kW powerhouse from TDF Issoudun to similar target ERI/ETH Horn of Africa.``

Still no word from Dave about the identity of his Ugandan program despite repeated requests; nor anything on the WWRB website about it, tho the frequency has been corrected from 9370 to 15240. Should be another airing on Sunday.

So I do some more searching, starting with the tentative name I copied before, Monasi --- and fortunately, Google asks, ``did you mean Radio Munansi``? I sure did! Here`s its website:

http://radiomunansi.com/

From recent news items, it's obviously anti-Museveni, and anti-Hima and Tutsi clan. Contact address: 7035 Laurel Cyn Blvd # 15333,

North Hollywood, CA 91615 [Cyn = Canyon].

Don't see anything about SW broadcasts, but they do have podcasts. Here's About-Us:

`Radio Munansi is a community radio station that seek to stimulate, educate and entertain our audience, to reflect the diversity of the local and world community, and to provide a channel for individuals, groups, issues and music that have been overlooked, suppressed or under-represented by the current Ugandan government.

Radio Munansi advocates for peace, social and environmental justice through independent media and programming neglected by the mainstream. We embrace diversity, tolerance of others' opinions and freedom of expression. Radio Munansi celebrates and promotes the creative, cultural and political vitality of the local community.'

I sent them this on their contact webform: [no reply]

``I have been hearing your broadcasts via WWRB in Tennessee, two weeks ago on 9370, last week and this week (Sat/Sun) on 15240 kHz shortwave. I`m in Oklahoma where the signal is good enough, but I wonder if you have had any response from Uganda yet? I don`t understand your language, of course, but enjoy the music, and am interested in your mission. Do you ever broadcast any segments in English? If so I haven`t caught them.

Best wishes

Glenn Hauser World of Radio P O Box 1684 Enid OK 73702 USA``

Munansi? Sounds familiar. Yes, it was part of Radio Lead Africa programming, as in DXLD 16-12:

``UGANDA [non]. Here's a stream of Radio Lead Africa: http://de.streema.com/radios/play/94039

A reason for not hearing IDs might be that they broadcast material of other stations. Titles of the musical pieces/programmes are displayed next to the stream, at the moment: "Dr Kiyingi's Q&A on Radio Munansi, October 20th 2015 - YouTube". No English heard here. 73 (thorsten hallmann, March 17, dxldyg via DX LISTENING DIGEST)

Thank you Thorsten for the update! A reminder that Friday (UT), from about 0255 to 0359, Radio Lead Africa will again be on 5910. The good news is that I have noted this week that Colombia (5910+) now

routinely signs off just before 0300, so RLAM should have QRM-free reception. BTW - Radio Munansi's contact info is North Hollywood, CA (Ron Howard, California, dxldyg via WORLD OF RADIO 1818, DXLD)``

We think that R. Lead Africa is no longer on the air, itself, but Meyerton would certainly be better than Morrison/Manchester to serve Uganda!

5050, UT Sunday May 29 at 0040, WWRB is on, nominally only weekend evenings now, lo-fi gospel huxter audio breaking up, on S9+25 signal; 0127 gospel huxter outro as

http://www.yahwah-ministries.org

in Covington, Georgia, phone 770-784-0703, ``till next week at same time --- shalom!``. But then at 0130 another --- or same Yahwah show re-starts, evidently by mistake, as cut at 0131.5 to WWRB YL canned ID, and 0132 ``Wonderful Words of Life`` theme for Word of Life broadcast as heard one week ago.

Yes, it's YAHWAH, not YAHWEH! -- take that, you EJOMites at WMLK! Above website confirmed, with nothing about WWRB or any SW broadcasts; seems they have 40 videos available which say it all.

Speaking of WMLK, Richard Langley, NB reported on May 26 in reply to my previous non-log of them on 9275: `The last posting on their Facebook page, dated 3 May, says: "During the high stress testing some of the components failed! This type of testing will determine the strength, the veracity of all components being tested." I guess they are now waiting for parts``.

15240, Sunday May 29 at 1541, WWRB is not on yet. 1605 recheck it is on, but dead air on strong signal. Off to a great start. Presumably Ugandan clandestine Radio Munansi will air again at 17-19 UT, with something else filling until then, perhaps even modulated (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

15240, though not as strong [as 15720 WHRI], was still very respectable today. Before 1700, they were advertising their services and rates (WWRB), and after 1700, their "African Service". Great African "High Life" music noted, reminding me of years past when Africa proper used 15240 (was it Zaire or Congo?). 73, (Walt Salmaniw, Victoria, BC, May 29, dxldyg via DX LISTENING DIGEST)

It was Zaire and on 15245 (gh, DXLD)

> We think that R. Lead Africa is no longer on the air, itself

Terminated in the first days of April, I suspect, because from this point on only #2016BroTip? appear in their Facebook profile

https://www.facebook.com/Radio.Lead.Africa at a rate that makes me wonder if a hostile takeover took place. It now also links to a different livestream that appears to merely play music back-to-back.

> but the South African site would certainly serve Uganda better than Morrison!

I fear a more likely scenario is that they will come to another conclusion: Shortwave is a completely unusable distribution platform. I indeed fear that attempts with inadequate facilities do the medium more harm than good (Kai Ludwig, Germany, dxldyg via DX LISTENING DIGEST)

15239.976, WWRB more a tiny S=6 signal into Michigan-US at 1840 UT, and 73 wb (Wolfgang B.schel, ibid.)

\*\* U S A. WHRI is on 15720 with Car Racing from Indianapolis, fair to poor here in West Palm Beach (Peter W Hansen, 1645 UT Friday May 27, dxldyg via DX LISTENING DIGEST)

Good here in Metro Detroit at about 1600 (Liz Cameron, ibid.)

15720, Sat May 28, since I'm checking up on 15240 WWRB, I also keep trying 15720 for WHRI, which has registered this frequency for three days only, May 27-28-29, 14-20 UT, 250 kW at 315 degrees. This obviously coincides with the Indy 500 carace on Sunday, but nothing heard today at 1522, 1612, 1700, 1817. Others did report some carace on Friday. WHRI, HQ in South Bend, always broadcasts these things, and we did catch something earlier this month. As if they had anything to do with gospel-huxtering. How many racers, assistants, or spectators in the stands will be killed or maimed this year? What a stupid 'sport', accomplishing nothing except endangerment by going round and round in ovals, and not really getting anywhere ASAP.

7385, May 29 at 0029 as I tune across WHRI during a break, they ask for 1 IRC in order to send out a program schedule. IRCs are being phased out, don't they know? Lotsa luck in redeeming any they get.

15720, Sunday May 29 at 1410, S9+10, WHRI is on with Indy 500 stuff, but no race yet; plenty of commercials, retrospectives. 1605 recheck, now some guy is soloing the Star Spangled Banner, so inspiring that the crowd cheers and applauds before he can even finish it, how rude! How disrespectful! Capped by the roar of a flyover by navy planes, not ground-based vehicles, off-topic! (Glenn Hauser, OK, DX LISTENING DIGEST)

Thanks to Glenn for pointing out the special program from WHRI with

superb reception into the Pacific Northwest on 15720 with the Indy 500. Seems to me that WHRI has really gone by the wayside over the past several years. In the past, they were a premier American private SW broadcaster. These days, it seems, they have a much lower profile. Perhaps it's since they no longer carry WOR, like they used to? Nice ID at 1816, gone on recheck, after VOA Radiogram at 2000. 73 (Walt Salmaniw, Victoria, BC, ibid.)

15719.995, WHRI much better supposedly exciting presenter on racing performance at 1845 UT, S=9 signal. 73 wb (Wolfgang Bschel, ibid.)

\*\* U S A. Additional 2 hours of Brother Stair via WINB from May 23: 1600-1800 on 9265 INB 050 kW / 242 deg to CeAm English Mon-Fri

Updated summer shortwave schedule of WINB on 9265 050 kW / 242 deg to CeAm from May 22: 1130-1330 English Sun 1330-2000 English Sat/Sun 1600-1900 English Mon-Fri Brother Stair 1900-1945 English Mon-Fri 1945-2000 Eng/Spa Mon-Fri 2000-2230 English Daily 2230-2300 Spanish Mon 2230-2300 English Tue-Sun 2300-2400 English Daily 0000-0130 English Daily 0130-0200 English Tue-Sun 0200-0230 English Tue/Fri-Sun -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, May 28, DX LISTENING DIGEST)

NOTE: the 242 azimuth from WINB does NOT aim at Central America (Belize/Guatemala to Panam·), but toward Nuevo Laredo across MEXICO to Tepic, and more importantly on the way, thru Memphis and Shreveport (Glenn Hauser, ibid.)

9265, WINB Red Lion PA (presumed); 2042, 27-May; English religibuxter said that many pastors are living in fornication. (Is that near Intercourse, Pennsylvania?) SIO=4+54. (Holy Crap! I tuned all the way down here from 10 MHz and never ran into Bro. HyStairical once! The end must truly be near) (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW + 125' bow-tie, ----- All logged by my ears, on my receiver, in real time! ----- DX LISTENING DIGEST)

\*\* U S A. 15555 [USB], WJHR Milton FL (presumed); 2105, 1-June; Yelling religihuxter talking about Moses ismotingî the rockónever used ismiteî in any context; in re mixed marriages, iYou ainít never seen a robin kiss a blue jay.î (Surely someone named Robin has kissed a

Toronto baseball player.) SIO=3+33 with wind-blow QRM (Harold Frodge, Midland MI, USA, Drake R8B + 185' RW + 125' bow-tie, ---- All logged by my ears, on my receiver, in real time! ---- DX LISTENING DIGEST)

\*\* U S A. Updated summer A-16 of World Wide Christian Radio, including TOM. All times of Brother HySTAIRical TOM via WWCR published here are wrong! http://overcomerministry.org/radio-schedule

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WWCR-1
0000-0100 on 6115 WCR 100 kW / 046 deg to ENAm English
0100-0400 on 3215 WCR 100 kW / 046 deg to ENAm English
0400-0500 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Fri
Brother Stair
0400-0500 on 3215 WCR 100 kW / 046 deg to ENAm English Sat/Sun
0500-0900 on 3215 WCR 100 kW / 046 deg to ENAm English Mon-Sat
Brother Stair
0500-0900 on 3215 WCR 100 kW / 046 deg to ENAm English Sun
0900-1000 on 15795 WCR 100 kW / 046 deg to WeEu English
1000-1100 on 15795 WCR 100 kW / 046 deg to WeEu English Sun-Fri
1000-1100 on 15795 WCR 100 kW / 046 deg to WeEu Russian Sat
1100-1115 on 15795 WCR 100 kW / 046 deg to WeEu English
1115-1130 on 15795 WCR 100 kW / 046 deg to WeEu Arabic Mon-Fri
1115-1145 on 15795 WCR 100 kW / 046 deg to WeEu English Sat/Sun
1130-1145 on 15795 WCR 100 kW / 046 deg to WeEu Russian Mon-Fri
1145-1200 on 15795 WCR 100 kW / 046 deg to WeEu English
1200-2100 on 15825 WCR 100 kW / 046 deg to WeEu English
2100-2200 on 15825 WCR 100 kW / 046 deg to WeEu Spanish Mon-Fri
2100-2200 on 15825 WCR 100 kW / 046 deg to WeEu English Sat/Sun
2200-2400 on 6115 WCR 100 kW / 046 deg to ENAm English
WWCR-2
0000-1200 on 5935 WCR 100 kW / 085 deg to CeAf English University
Network
1200-1500 on 7490 WCR 100 kW / 085 deg to CeAf English
1500-1700 on 12160 WCR 100 kW / 085 deg to CeAf English
1700-1800 on 12160 WCR 100 kW / 085 deg to CeAf English Mon-Sat
1700-1800 on 12160 WCR 100 kW / 085 deg to CeAf English Sun Brother
Stair
1800-1900 on 12160 WCR 100 kW / 085 deg to CeAf English Mon-Fri
1800-1900 on 12160 WCR 100 kW / 085 deg to CeAf English Sat/Sun
Brother Stair
1900-2000 on 12160 WCR 100 kW / 085 deg to CeAf English Sun-Fri
1900-2000 on 12160 WCR 100 kW / 085 deg to CeAf English Sat Brother
2000-2300 on 9350 WCR 100 kW / 085 deg to CeAf English Sun-Fri
2000-2300 on 9350 WCR 100 kW / 085 deg to CeAf English Sat Brother
Stair
2300-2400 on 9350 WCR 100 kW / 085 deg to CeAf English
WWCR-3
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0000-0500 on 4840 WCR 100 kW / 040 deg to ENAm English
0500-0600 on 4840 WCR 100 kW / 040 deg to ENAm English Mon-Sat
0500-0600 on 4840 WCR 100 kW / 040 deg to ENAm English Sun Brother
Stair
0600-0700 on 4840 WCR 100 kW / 040 deg to ENAm English Sun-Fri
0600-0700 on 4840 WCR 100 kW / 040 deg to ENAm English Sat Brother
Stair
0700-0830 on 4840 WCR 100 kW / 040 deg to ENAm English
0830-0930 on 4840 WCR 100 kW / 040 deg to ENAm English Sun-Fri
0830-0930 on 4840 WCR 100 kW / 040 deg to ENAm English Sat Brother
Stair
0930-1000 on 4840 WCR 100 kW / 040 deg to ENAm English
1000-1100 on 4840 WCR 100 kW / 040 deg to ENAm English Mon-Sat
1000-1100 on 4840 WCR 100 kW / 040 deg to ENAm English Sun Brother
Stair
1100-1200 on 4840 WCR 100 kW / 040 deg to ENAm English
1200-1500 on 13845 WCR 100 kW / 040 deg to ENAm English Mon-Fri
1200-1500 on 13845 WCR 100 kW / 040 deg to ENAm English Sat/Sat
University Network
1500-1600 on 13845 WCR 100 kW / 040 deg to ENAm English Sun-Fri
University Network
1500-1600 on 13845 WCR 100 kW / 040 deg to ENAm English Sat
1600-1700 on 13845 WCR 100 kW / 040 deg to ENAm English Mon-Fri
University Network
1600-1700 on 13845 WCR 100 kW / 040 deg to ENAm English Sat/Sun
1700-2400 on 13845 WCR 100 kW / 040 deg to ENAm English University
WWCR-4
0000-0200 on 7520 WCR 100 kW / 090 deg to CeAm English Sun/Mon
Brother Stair
0000-0200 on 7520 WCR 100 kW / 090 deg to CeAm English Tue-Sat
0200-0300 on 5890 WCR 100 kW / 090 deg to CeAm English
0300-0400 on 5890 WCR 100 kW / 090 deg to CeAm English Sun/Mon
0300-0400 on 5890 WCR 100 kW / 090 deg to CeAm English Tue-Sat
Brother Stair
0400-1100 on 5890 WCR 100 kW / 090 deg to CeAm English Brother Stair
1100-1200 on 5890 WCR 100 kW / 090 deg to CeAm English Mon-Fri
Brother Stair
1200-1400 on 9980 WCR 100 kW / 090 deg to CeAm English Mon-Fri
Brother Stair
1400-2000 on 9980 WCR 100 kW / 090 deg to CeAm English Brother Stair
2000-2400 on 9980 WCR 100 kW / 090 deg to CeAm English Mon-Fri
2000-2400 on 9980 WCR 100 kW / 090 deg to CeAm English Sat/Sun
Brother Stair
-- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30
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m. long wire, June 3, DX LISTENING DIGEST) see SOUTH CAROLINA [non]

\*\* U S A. 570, UT Monday May 30 at 0541 UT, dominant signal is from WSW/ENE, definitely not SSE/NNW which would be KLIF Dallas --- hardly anything from there. It's on Fox Sports Radio, and would you believe they are running about 5 minutes straight of FSR promos? Geez, how can anyone listen to that, especially by their super-hype staff announcer, oozing with insincerity?

Anyhow this is very anomalous as I don't normally get anything from such an angle at night on 570. Not many stations could it be, either Paducah or Las Cruces, and FSR is the latest known format of KWML Las Cruces NM, 5000/155 watts U1, not WKYX Paducah KY, 'Newstalk 94.3'. Perhaps a pipeline from KWML as it did fade down and out for a while, if not 5 kW day by accident. 0604 UT again audible with more FSR (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 690, UT Monday May 30 at 0552 UT, Fox Sports Radio, same as already hearing on 570 KWML --- they keep talking about Oklahoma City, apparently post-some silly ballgame. 0556 UT breaks for Fox ``news`` minute capsule, then a bunch of national PSAs since no advertising has been sold. As 0600 UT approaches, I`m switching back and forth with 570, hoping to catch a local ToH ID; 570 is in a fade at 10 seconds before 0600 UT, so what does 690 say? NOTHING, just dead air where the ID should have been plugged in. And back to more FSR.

From the outset I`ve been sure this is KGGF Coffeyville KS, due to strength and bearing, like we get before local midnight, its normal sign-off time with a patriotic song and Taps, 0500v UT (tho part of the time they leave unmodulated carrier on into the night, or all night?). Own website does not account for this http://kggfradio.com/kggf-am/kggf-am-line-up but does admit to being a Fox ``News`` affiliate. Instead of all the non sports news/talk shows, I suspect they went with FSR due to some sillyballgame concerning Oklahoma City of regional if not local interest. The Bartlesville OK cluster including KWON 1400 were supposedly buying KGGF but no sign of that yet on the KGGF website.

690, May 31 at 0458 UT, open carrier dead air already from KGGF Coffeyville KS; no ToH ID, 0500 UT into Fox Sports Radio, like I was still hearing last night an hour later, also anonymously, contrary to website schedule, and previous practice of closing programming if not turning off transmitter, at local midnight = 0500 UT.

I hope they haven't gone full-time FSR, deleting Jim Bohannon, UT Tue-Sat 0206-0500, our best source for his worthwhile talkshow. Will have to check that; but May 31 at 1419 UT, plug for some game tonight on 'The Mighty 690' (new slogan for them? but hardly original among many other ##90 stations; BTW this rhymes better than you might think as in casual speech, including even my own, I realize, ''90' can be

pronounced ``nighty``), local ads, national PSA, plug `Better Horses Radio Show` Saturdays at 10 AM [CDT = 15 UT], 1421 UT back to current show `Open Line`, for buy/sell/trade/giveaway, long play theme of `Swingin` Safari`, with local and 800 numbers, but not much action as host starts with detailed weather forecast.

690, June 1 at 0218 UT check, KGGF Coffeyville KS is amid a silly baseball game, mentioning Royals, so on that network from closest major-league city KC. Jim Bohannon formerly started at 0206 UT, but stupid ballgames trump everything, so could still be there when there is no game. But 0412 UT and 0546 UT rechex, it's still about Royals, presumably post-game.

Next night, UT June 2 at 0452 UT check, which should have been the last few minutes of JimBo, instead it's some OTR show I don't recognize on 'When Radio Was'. Circa 0642 UT there's a local weather break during Fox Sports --- so KGGF has definitely revamped programming, besides extending past local midnight, presumably connected with the purchase by sports-manic KWON+ Bartlesville OK cluster (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* U S A. 1040, KCBR, CO, Monument ñ Format to HipHop (ex-CHR); slogan to iBlaziní 98.5î (AM Switch, NRC DX News June 6 via DXLD)

Noted Silent the whole month of May  $\tilde{n}$  wwh (Wayne Heinen, NRC AM Log editor, ibid.)

- \*\* U S A. CONSTRUCTION PERMITS FOR EXISTING STATIONS: 1330, KKNS, NM, Corrales ñ Has pending application for U1 5000/74 from a new site; amends the application to specify U1 5000/82 (AM Switch, NRC DX News June 6 via DXLD)
- ?? FCC AM Query confirms it should still be 1310, not 1330; 1330 no good for ABQ area with a 1350; nor for NM with 1330 KGAK Gallup (Glenn Hauser, DX LISTENING DIGEST)
- \*\* U S A. CONSTRUCTION PERMITS FOR EXISTING STATIONS: CP fully licensed and on the air: 1550, KKCL, CO, Golden ñ CP for U2 5000/350 is on the air (AM Switch, NRC DX News June 6 via DXLD)
- \*\* U S A. 1560, 0536, WFME New York NY and KKAA Aberdeen SD Ian Wells and I struggled with this one, we didnít realise they were both carrying the same iFamily Radioî program, however the two stations split for local content around the top of the hour. Ian heard an ID for KKAA on his EWE aimed at NAm, while I had the NY station stronger on the Latin Beverage, At times they were mixed, other times completely separated by the antennas. We listened to these two across 0800 and 0900z 21/5 (Paul Ormandy, Waianakarua, New Zealand DX-

pedition, TS-2000, 425m Beverage aimed at SAm. 15m Vertical GP, June NZ DX Times via DXLD)

\*\* U S A. Official Updates from the FCC and the CRTC --- CALL CHANGES: 1660, KTIQ, CA, Merced ñ Call change to KBRE (May 11). (AM Switch, NRC DX News June 6 via DXLD)

\*\* U S A. New Topeka LPTVs --- Just received the June VUD and noticed three listings for new low power stations in Topeka. Fortunately none of them apparently are in Topeka. I have not seen "new to the air" K20KR or K35KX. I don't know where they are actually located. Also listed was KCMN-38 which I have seen -- the last time yesterday morning. The transmitter is listed as being in Raytown, Missouri (appox. 65 miles east) with Topeka as COL (Dave Pomeroy, Topeka, Kansas, May 31, WTFDA gg via DXLD)

Dave, I looked these up, and they're owned by DTV America. This company is notorious for utilizing loopholes in the FCC rules to move transmitters far away from the COL. And they clog up lots of vacant channels in metro areas with useless foreign language, shopping, and religious programming (Andrew Knafel, ibid.)

Thanks, Andrew. I did some looking on Rabbit EarsTV today and found K20KR-20 with a transmitter site about 30 miles southwest of Topeka. It shows K35KX-35 west of Topeka about 20 miles. Haven't seen either of them and not so sure they are on the air. Will be looking. KUKC-20 from Kansas City (Univisiûn) is what I normally see on channel 20 along with KETV from Omaha (Dave Pomeroy, ibid.)

Yeah, this is a challenge; I frequently notice significant changes in coordinates. To figure out where the station \*actually\* is, I have to manually plug the coordinates into Google Maps & then zoom out & try to describe where the pointer is. I simply didn't have time for a bunch of these last month.

I have KCMN-38 on the same tower as KAJF-16. It's also home to a bunch of FM stations:

92.7 K224ET (KPHN 1190)

93.3 KMXV

94.1 KFKF-FM

94.5 K292GI (application from 106.3 Vandalia) (KCTE 1510)

99.3 K257DZ (KCTE 1510)

103.3 KPRS

106.9 K295CH (application from Harrisonville) (KCTE 1510)

K20KR is on an existing tower on "Road U", about a half-mile northwest of Exit 147 (US-56) on the Kansas Turnpike in the middle of nowhere west of Osage City.

K35KX is also on an existing tower on Windy Hill Road, a few hundred feet south of Exit 341 on I-70 (K-30), a few miles west of Topeka near Maple Hill. == (Doug Smith W9WI, Pleasant View, TN EM66, ibid.)

\*\* U S A. Don't you believe it: I heard or saw a news report (I forget where, fortunately for them) about the Brazos River flooding in Texas, mentioning that the river runs from New Mexico across Texas. This struck me as odd, and confirmed on this map: http://geology.com/lakes-rivers-water/texas.shtml
The Brazos does not start until the 100th meridian (i.e. due south of the western Oklahoma border), formed by the confluence of two arms/tributaries; one of them, the White, does come from New Mexico.

BTW, altho the name Brazos is obviously the Spanish word for arms (as in extremities, limbs), Anglotejanos insist on pronouncing it BRAAAA-zuss (with a short A); anyone daring to pronounce it in Spanish would be dismissed as a pedant or a member of La Raza (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* VATICAN STATE. Two spurious of 54 kHz apart distance spurs noted at 0622 UT on May 28. Fundamental 11625 kHz 250 kW towards Africa at 214 degrees, at S=9+30Db signal strength, produced two spurious signals on 11571.000 and 11679.000 kHz at S=5-6 signal level. Scheduled at 0600 to 0658 UT in French and English language [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B\_schel, wwdxc BC-DX TopNews May 28, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* VIETNAM [non]. 9430. May 30, 2016. 1954-2003, Voice of Vietnam, Dhabbaya-UAE, in German. Regional song, YL talks; 1958 end program; open carrier. 2000 IS, ID, program in German, YL talks. Fair signal and poor and slightly distorted modulation, 35432 (DXer: Josè Ronaldo Xavier (JRX), Cabedelo-PB, Brazil, Sony ICF-SW100S Antenna: Portable Telescopic, Hard-Core-DX mailing list via DXLD)

\*\* VIRGIN ISLANDS BRITISH. 14193-USB, May 29 at 0112, contester calling QRZ without bothering to mention his own call! But making many contacts with US stations. I tuned here after hearing a pileup on 14198-USB, where they don't give his call either, just their own! Eventually the DX station does give call VP2VAZ, and says listening 5-up. Immediately, W4GBB calls him on 14193 and does so repeatedly, despite some other hams saying ``5 up``. An AC9 doesn't get the message either. 0120, a fuller ID as VP2VAZ, on Tortula, BVI, and also gives QSL manager which I don't copy. Has a German accent, and even makes some contacts in German. QRZ.com shows he is Reiner [sic] Lies, and QSL:

http/grz.com/db/DL2AAZ

which leads to a ham of the same spelling, in 38239 Salzgitter,

Germany, who has also operated all over the Caribbean (Glenn Hauser, OK, DX LISTENING DIGEST)

\*\* YEMEN [non]. 11860, SAUDI ARABIA, Radio Sanaía-Riyadh (Presumed), at 2320, on 23 May. Several Middle Eastern songs played with male and female singers. At the half hour a male announcer came on and spoke in Arabic. He gave what sounded like a news report mentioning Yemen and Saudi Arabia. Good (J. Cooper, Lebanon, PA. Equipment: Winradio-G33DDC, CommRadio CR-1a, SDR-IQ, GAP-Hear It-In Line Module, Wellbrook ALA1530S+, Wellbrook ALA1530LNPro, Pars SWL Sloper, NASWA Flashsheet May 29 via DXLD)

11860, OPPOSITION, Radio Sanaía (Presumed), 0126, 5/24/16, in Arabic. Male talking at some length, 0130 fanfare, woman and man announcers, another fanfare with male pronouncements over it by a man and woman into man talking at length. Fair (Mark Taylor, Madison, Wisconsin. Equipment: Perseus, SDRPlay, Eton e1, Grundig Satellit 800, Sangean 909X w/ clear mod, and various other portables; 40 meters dipole, 100í long wire, Flextenna, ibid.)

Rep. Yemen Radio, Sana'a (Saudi Arabia Relay?) 11860, 1356 24 MAY - SINPO = 15311. Arabic, music, male announcer. QSB=rapid-to-ff rate, modulation on noisy carrier occasionally peaks slightly above the noise floor but mostly mixing with or below it. sf95.0, a4, k3, geomag: unsettled. 50kw?, beamAz Omni?, bearing 17 ?. Sangean ATS505 w/MFJ-1020C active antenna used to preselect Magic Wand Antenna hanging indoors on west wall. Received at Las Vegas, United States, 13039KM? from transmitter at Riyadh?. Local time: 0656. 73s (--Rodney Johnson, NV, dxldyg via DX LISTENING DIGEST)

Yes, I replayed yesterday's recording with wider span, and it shows ±60 Hz spurs for the lower carrier, but not for the wider, which probably has better mains filtering. Mauno Ritola, Finland, May 25, DX LISTENING DIGEST)

No transmitter switch noted at 0600; the one with  $\pm 60$  Hz spurs continues. Still 2300 remains to check, but looks like switches take place only at 0900 and 1800 (Mauno Ritola, Finland, May 26, DX LISTENING DIGEST)

Greetings From Nevada! Conditions here have been fair-to-good the past few days with the Solar Flux hovering in the upper 90s and the geomagnetic activity going from unsettled to quiet. Monday morning (~1400z which is pretty late in the morning for them) I heard discernible modulation from Rep.Yemen Radio (Sana'a) on 11860 kHz, but the last two days I have not heard even a trace of carrier on spot checks ranging from 1300z to 1500z (Rodney Johnson, NV, May 26, dxldyg via DX LISTENING DIGEST)

Tonight a much wider ODDITY observed: Sana'a exile 11860.046 kHz noted at 2142 UT on May 26-UT, S=9+25dB here in Germany. Nearby HQ ARS 11914.991 kHz at S=9+40dB, and 11930even kHz at S=9+15dB. 73 wb

See IZ8EYP Reggio Calabria Italy remote unit screenshot 2256-2304 UT, on May 26. Always odd frequency unit visible on 11860.046 kHz (subtract 11860.060 minus wrong 14 Hz offset), and accompanied by 2 x 60 Hz strings, indicates 60 Hz AC.

But from exact 2300:16 UT onwards, a second transmission appeared in parallel on screen on exact even 11860.000 kHz and also +/-50 +/-100 Hz strings too, but no audio feed heard, only 46 Hertz heterodyne BUZZ tone. After two minutes time, at 2302 UT the 2nd transmitter disappeared again.

In 70ties and 80ties the WRTH mentioned both 50 and 60Hz AC at Saudi Arabia column. From 2338 UT onwards, I see both 60 Hz and 100 Hz strings, puzzle. Maybe the RIZ units delivered to ARS, have European 50 Hz AC? Norm 73 wb

At 0005 to 0009 UT May 27 varied some 1 Hz down and upwards of 11860.045 and 11860.046 kHz. wb df5sx

Yemen Excile radio at 0420 UT and 0511 UT May 27, S=9+15dB on remote SDR unit at Reggio Calabria southern Italy. 11860.0445 still similar VERY ODD frequency offset as of 22 UT last night. And poor string of CNR Lhasa Tibet on even 11860.000 kHz seen, PBS Xizang in Chinese language. 73 wb (Wolfgang B schel, May 27, DX LISTENING DIGEST)

Now I have it on 11859.998 kHz as before. Greece 9420.005 and 11645.001 kHz (Mauno Ritola, 0649 UT May 27, DX LISTENING DIGEST)

So, at least from 2200 to 0700 UT May 26 - May 27 on very odd  $11860.044\ldots x.045$  kHz. Confirm that please, when started this odd unit before 2200 UT already ??? I'll check, but unfortunately not until Sunday (Mauno Ritoa, Fri May 27, ibid.)

YES, Now I have it on 11859.998 kHz as before. Checked at 0745 UT: 11859.998 kHz exact !!! Measured against my 'accurate' favorites to compare 'zero beat', like RMI Okeechobee 11580.000, Kurdistan 11600.000, BBC ASC 11770.000 kHz, and very keen Chinese engineering guys at Cerrik Albania relay always excellent on zero beat on 11855.000 kHz - all at 0740 UT. Options 0.391 kHz / 0.48 Hertz / bandwidth 1.6 kHz zoom. Remote Perseus unit in Reggio Calabria southern Italy, or Madrid Spain (B\_schel, ibid.)

My comment of yesterday 2300 UT two minutes broadcast transmission:

After two minutes time, at 2302 UT the 2nd tx disappeared again. I guess strongly the CRI engineer at Kunming Anning CHINA site checked the antenna matching unit for 'coming 0130 UT Nepali' service real ON AIR

11860 CHINA RADIO INTERNATIONAL 0130-0227UT 1234567 Nepali 500 283 Kunming-Anning CHN CRI a16 73 wb df5sx

At 1220 UT on May 27 on exact plus 1 Hertz: 11860.001 kHz. wb

Listening to - or rather, watching 11860 in our local morning. A brief showing of 50 hz sidebands around 1557 ut May 27 (Wolfgang B<sub>s</sub>schel, ibid.)

Signal slowly deteriorating all morning, but at local noon 1800 UT noted this brief shift upwards by ~45 Hz. Back to nominal 11860 at ~1808. Signal heavily smeared - mostly towards the upper sideband. I have seem this before but no idea what mechanism is at play to cause this. Yet after 1808 the signal is smeared much more evenly. Different antenna heading or different location? No changes here, using the standard Wellbrook loop (Don Moman, AB, DX LISTENING DIGEST)

SAUDI ARABIA {tentatively} 11859.998 at 1937 UT S=9+5 -69dBm signal here in southern Germany. Some string peaks visible: 6= / 10 / 200 / 300 [sic] Hertz either side when checked 2004 UT.

At same time other Saudi HQ program today May 27 on 11930.000 exact S=8-9 signal, much stronger 11914.989 at 1933 UT like S=9+25dB. 73 wb df5sx (Wolfgang B\_schel, ibid.)

SAUDI ARABIA {tentative}, 11859.998, exile Sana'a radio program at 0552 UT on May 28. S=4-5 weak heard in Doha Qatar remote unit. Usual 60! / 100 / 200 / 300 Hertz main power strings visible [selected SDR options, span 12.5 kHz RBW 15.3 Hertz] (Wolfgang B¸schel, wwdxc BC-DX TopNews May 28, dxldyg via DX LISTENING DIGEST)

At 2045 on 11859.998 kHz, but a thick carrier due to geomagnetic instability (Mauno Ritola, May 29, ibid.)

30.5.2016, 2:04, Wolfgang Bueschel\_DF5SX kirjoitti: ``At 1730 UT on May 29 noted exact 11859.9995 kHz. At 2250 UT on May 29 noted exact 11859.9995 kHz. Saudi R HQ 11820.0445 11914.990 11929.997 kHz BW 0.8kHz Zoom, Span 0.782kHz / 0.95Hz 73 wb df5sx At 1700 11860.000 kHz as exact as I can measure.

BW 0.8kHz Zoom, Span 0.782kHz / 0.95Hz ``

How can you even see it to  $\pm\Omega$  Hz [plus or minus one semihertz] with these settings? Best regards, (Mauno Ritola, ibid.)

At 1848 UT on May 30: 11859.9995 kHz, checked against even 12065SHP, 11975ROU, 11810ASC zero beat, all wheel set to .995 right of yellow center string in spectogram but when measured 11860 with same set of BW  $0.8 \rm kHz$  Zoom, Span  $0.196 \rm kHz$  /  $0.24 \rm Hz$ 

measured 11859.9995 l e f t of the yellow center string.

Difference of 1 Hz seen, when use the tuning wheel to move the peak of the Yemeni signal from .995 to .994, ARS-YEM peak will move THEN from left to right of yellow line. 73 wb (Wolfgang B schel, ibid.)

I think you are missing one decimal, those stations show on .995 kHz, not .9995 kHz. Which receiver did you use? Looks like it didn't warm up enough. Why not to use simply 3 kHz BW and Span 0.098 kHz? Then you can both see and listen to the signal.

I have BBC on 11810.000 and Yemen on 11859.998 kHz at 2125. 73, (Mauno Ritola, ibid.)

At 1530 UT on May 31, 11860even Sana'a exile radio. Check against even frequencies 12065SHP, 12054.998ERV, 12035 OMA, 11920 CER, 11870UAE. 73 wb ( $B_s$ chel, ibid.)

\*\* ZAMBIA. 5914.99, NBC, Lusaka, 2012-2016, May 22, domestic news(?), today's signal was strong for the first time in a long time, I think that correct frequency in receiver is part of strong circumstantial evidence, 35222 (Tomoaki Wagai, Wakayama, Japan, DSWCI DX Window May 25 via DXLD)

ZNBC1 on 5915 was missing early this morning at 0330. Ron, were you listening at that time, did you hear it? Back now at around 0615. But nothing heard from Voice of Hope on 9680 at around 0615 (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D. dxldyg via DX LISTENING DIGEST)

Hi Bill, Sorry, was not listening then. Will be heading out to listen later, about 2:30AM (0930 UT). May 25, from 0544 to 0602 did hear VOH Africa on 9680, but not very readable (Ron Howard, CA, DX LISTENING DIGEST)

ZNBC1, 5915 Lusaka. May 26, 2016 Thursday. 0330-0404. Nothing heard. Jo'burg sunrise 0445.

ZNBC1, 5915 Lusaka. May 26, 2016 Thursday. 0610-0616. Back with phone-in, fair-good signal. Jo'burg sunrise 0445 (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D. dxldyg via DX LISTENING DIGEST)

5915, ZNBC/Radio One. May 27 with decent open carrier which I believe was Zambia at 0255; finally at 0335 some African music (my local sunset about 0318). As it was Friday, I was checking to see if I could detect anything from Radio Lead Africa (Uganda [non], clandestine) at their scheduled 0300 sign on, but not a trace of them, only the Zambia open carrier. If they were still broadcasting, believe I would have heard something from them, but not so (Ron Howard, Pacific Grove, CA, Etûn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* ZAMBIA. 9680, Voice of Hope, Lusaka. Faded in at 0507 in English, poor and fading until 0550, improved to good with an American female preacher and iHow great thou artî hymn. Nice station ID at 0608 on 20/5 (John Adams, Port Douglas, Tropical Queensland (Sangean ATS-909X, 7 Metre Reel Antenna), June Australian DX News via DXLD)

May 25, from 0544 to 0602 did hear VOH Africa on 9680, but not very readable (Ron Howard, CA, DX LISTENING DIGEST)

9680, Voice of Hope Africa, 0544, May 25. Christian religious song and preaching in English; several clear IDs. but heavy QRN (static). (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

Voice of Hope, 9680 Lusaka. May 26, 2016 Thursday. 0610-0622. Nothing heard. Jo'burg sunrise 0445 (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D. dxldyg via DX LISTENING DIGEST)

May 27, at 0510-0555, May 27; again with religious songs and frequent IDs; again heavy QRN (static) (Ron Howard, Pacific Grove, CA, EtÛn E1, antenna: 100' long wire, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

Voice of Hope 9680 Lusaka. May 28, 2016 Saturday. 1215-1230. On air with Christian songs, English announcements. Weekend schedule, hopefully right through to 1700\* today, then 1200-1700 Sunday May 29. Fair-good. Jo'burg sunset 1524 (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D. dxldyg via DX LISTENING DIGEST)

9680, May 28 at 1400, very poor S2 signal with some music, audible once the CNR1 jammers go off after their 1400\* timesignals, i.e. the only thing left, Voice of Hope - Africa, on its weekend-only 12-17 UT schedule, presumably long-path to here. Bill Bingham, South Africa

confirms it`s successful today, and well heard there with no CCCCCCI even before 1400 (Glenn Hauser, OK, DX LISTENING DIGEST)

Very weak signal on 9680 audible here after China is off at 1400, presumably VOHA. Is there really no QRM from China there in Africa? (Glenn Hauser, OK, DX LISTENING DIGEST)

Hi Glenn, Absolutely no QRM from China or anywhere else for that matter. Had it on in the background all afternoon, perfectly clear. Regards, (Bill Bingham, dxldyg via DX LISTENING DIGEST)

Voice of Hope, 9680, Lusaka, May 29, 2016, Sunday. 1158-1234. Nothing from Voice of Hope, not even a carrier. Scheduled for 1200 to 1700 weekends. Occasionally at (but mostly below) noise level I can just hear either Radio Taiwan or its Chinese jammer, too poor to decide which. Easy to see why it has no effect at all on VoH when the latter is on air. Jo'burg sunset 1524 (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D. dxldyg via DX LISTENING DIGEST)

For anybody trying to get Voice of Hope after China's departure at 1400, forget it. As of 1426, I am still hearing nothing from Voice of Hope. Either they are off air, or propagation is playing a very nasty trick on me (Bill Bingham, RSA, May 29, ibid.)

9680, May 29 at 1400, JBA carrier after the ChiCom jammers go off, much like yesterday, presumed Voice of Hope, Africa, as scheduled, Sat/Sun 12-17 UT. However, Bill Bingham, South Africa was not hearing it today at 1158-1234, nor at 1426 recheck, presumed off the air. Maybe it was intermittent (Glenn Hauser, OK, DX LISTENING DIGEST)

Voice of Hope reception back to normal in Jo'burg after yesterday's (May 29) total absence, presumably due to poor propagation between Zambia and South Africa. Voice of Hope 9680 Lusaka. May 30, 2016 Monday. 0650-0655. Back to normal good reception. Jo'burg sunrise 0447 (Bill Bingham, Johannesburg RSA. Drake R8E, Sony ICF2001D. dxldyg via DX LISTENING DIGEST)

Non-existent to very weak at Twente receiver today. Three hours recorded. Sniffs of audio around 0600 UT (Richard Langley, May 30, dxldyg via WORLD OF RADIO 1828, DX LISTENING DIGEST)

9680, May 31 at 0518, music very poor at S2-3, vs storm noise level from Texas, presumed Voice of Hope. I suppose we won't really hear them well till they get the second transmitter and direxional toward West Africa antenna going (Glenn Hauser, OK, WORLD OF RADIO 1828, DX LISTENING DIGEST)

\*\* ZANZIBAR. 1710 ZBC Radio - Radio Zanzibar booming in on 11735 with

S9+20 to S9+30, slight to moderate fading, Swahili talk. 73, (Manfred Reiff, Germany, May 27, dxldyg via DXLD)

\*\* ZANZIBAR. 6015, May 30 at 0343, ZBC with music and YL announcement, S9+10 and modulation seems good unlike some other reports (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 4847, {Utility} "rasper" 5/26, 1140. Raspy dot dot dash station, strong (Rick Barton, Arizona, DX LISTENING DIGEST) bonker

UNIDENTIFIED. ==== Otherness ==== 6880/USB, 2330, 1-Jun; quack-qua

UNIDentified. Station with Arabic music was observed again, May 28 0900-0915 on 9400 unknown(secret/hidden)site, poor signal today: https://www.youtube.com/watch?v=alTbNB52Avw&feature=youtu.be https://www.youtube.com/watch?v=UYmCl3rfs0w&feature=youtu.be https://www.youtube.com/watch?v=9qeocPGWYNU&feature=youtu.be -- 73! (Ivo Ivanov, QTH: Sofia, Bulgaria, Equipment: Sony ICF-2001D 30 m. long wire, DX LISTENING DIGEST)

UNIDENTIFIED. 9970.110, May 26 at 1215, JBA carrier, with ACI from 9965 T8WH Brother Scare. Nothing ever in HFCC on 9970, but Aoki has, without a known offset, \* meaning also jammed: 9970 2240-1646 TWN \* SOH Xi Wang Zhi Sheng Chi ? 1-7 It could have been a local device, except not there when checked an hour or two later (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 12055, May 28 at 0054, very poor S3 signal with talk, music. Aoki shows two possibilities: FEBC, Bocaue, Philippines, in Wa; or CNR17, Lingshi, China, in Kazakh (Glenn Hauser, OK, DX LISTENING DIGEST)

UNIDENTIFIED. 17470-AM, May 28 at 1253, JBA carrier, and still at 1417. Meanwhile, very little has been audible within the 16m band, i.e. at 1253, just some 17580 Cuba, but not 17730, and WRMI JBA carrier on 17790. No stations listed on out-of-band 17470 in HFCC, Aoki, or EiBi, but likely a CNR1 jammer against another new frequency of Sound of Hope (Glenn Hauser, OK, DX LISTENING DIGEST)

#### ACKNOWLEDGED ON WORLD OF RADIO 1828:

Hi Glenn, well, the tax refunds have shown up, so it's time (& none too soon) to ``renew`` for another year of the most interesting / accurate pile of DX info that's available on-line. Thanks for all our efforts --- it'd be a pretty bleak hobby without you & DXLD to liven things up a bit. Cheers from the beach (or, more accurately, ``near`` the beach) & continued success with DXLD (Dan Sheedy, Encinitas CA, with a check to P O Box 1684, Enid OK 73702)

## TO BE ACKNOWLEDGED FUTURELY:

Thank you for all you do for our hobby! Best regards (Ron Howard, Monterey CA, with a check to P O Box 1684, Enid OK 73702)

I echo the sentiments of the person from Netherlands who contributed this week, iWhat you do is awesome.î If the rhetoric is a bit iover the top,î the sentiments are the same here in now nice and hot Huntsville (Tim Hendel, AL, DX LISTENING DIGEST)

Tuned in just in time, since at 0053 they exclaim, ``God bless Glenn Hauser``, doing World of Radio [almost] since the days of CW; someone remarx that there are so many numbers in it that you have to record it (Allan Weiner Worldwide, WBCQ, May 28 via DXLD)

# PUBLICATIONS

Hi Glenn, my latest Hitlist update.

http://www.w4uvh.net/hitlist.htm

- 1) Bhutan BBS: Update to link to Home page
- 2) India AIR: Added link to new daily PDF program "cue-sheet" (Thanks to Jose Jacob in dx-india who first noted this)
- 3) USA Overcomer Ministry: Update to Listen Live link

Unless there's a major change anywhere, the next update will be in late June. Best wishes and 73 (Alan Roe, May 29, DX LISTENING DIGEST)

## WRTH A-16 UPDATE UPDATE

Most of my correxions in a DXLD yg post of May 14 and integrated into next DXLD issue were entered into Version 2 of the A-16 update, along with some further changes, as of May 18:

If you downloaded V 1, be sure to replace it with this: http://www.wrth.com/\_shop/wp-content/uploads/WRTH2016IntRadioSuppl2\_A16Schedules\_2.pdf

Look for changes in red, blue, or strikeovers. (Glenn Hauser, DX LISTENING DIGEST)

CONVENTIONS & CONFERENCES

WELCOME TO EDXC CONFERENCE 2016

Dear DX Friend, This is a friendly reminder :-).

On behalf of the European DX Council we are happy to announce that The British DX Club will host EDXC Conference 2016 in Manchester, United Kingdom. The confirmed dates are 9-12 September, 2016.

Accommodation and the conference itself will take place at The Castlefield Hotel.

http://castlefield-hotel.co.uk/

This is set in the historic Castlefield canal basin area of the city of Manchester. It is a short walk from shopping areas and is close to many cafes, pubs, bars and restaurants. There are also museums and art galleries nearby.

Conference registration will be on the evening of Friday, 9 September with conference sessions on the mornings of Saturday, 10 September, Sunday, 11 September and the final conference sessions on Monday, 12 September.

All information will be available on EDXC website https://edxcnews.wordpress.com/category/edxc-conference-2016/

If you have any questions about EDXC Conference 2016 please contact Kari (ksk@sdxl.org), Jan-Mikael (jmn@sdxl.org) or Chrissy (chrissylb@hotmail.co.uk).

For more on what to do and see in Manchester see

http://www.visitmanchester.com/

EDXC Manchester host Chrissy Brand also writes a daily photo blog about Manchester:

http://mancunianwave.blogspot.co.uk/

We would like to see you all at EDXC Conference 2016 in Manchester. You are warmly welcome! 73s, (Kari Kivek‰s, Jan-Mikael Nurmela, May 26, DX LISTENING DIGEST)

LANGUAGE LESSONS

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#### **GESSELSSCHAFT**

That's how BBC World News America at the kicker-end of their May 27 broadcast via OETA before 2230 UT (probably delayed from -2130), spelt one of the winning words in the big Spelling Bee. It repeated an hour later on OETA OKLA, and I was ready to tape and still-photo it, just to be sure. I may upload the evidence when I get a chance. It was on the screen for a good many seconds as Laura T. attempted even to pronounce it. As anyone with the least bit of familiarity with German should know, it's really

## **GESELLSCHAFT**

as frequently used in corporate nomenclature (not the definition proferred, something ``social``). I assume the kid who won really spelled it correctly, as also appearing correctly in a Reuters story about it via the BBC website.

But WHY in an English-language spelling bee, are the two big winning words (and many others, presumably), GERMAN???? Yeah, I know, a case can probably be made that they are entering English usage, but this is really pushing it. Failing to capitalize this noun doesn't ipso facto make it Englisch!

If German is eligible, how about all the other languages. Don't we have enough 'real' English words to make up a bee? You wouldn't need to speak a word of English, but only know how German orthography and pronunciation work, to get this right when you hear it pronounced; let alone some even more fonetikaly-correct languages such as Spanish. Where spelling bees are unknown (Glenn Hauser, OK, DX LISTENING DIGEST)

Has it really been stated in this event or broadcast that Feldenkrais is a German word? In fact this is a reference to a certain MoshÈ Feldenkrais who probably never was in Germany at all.

And Mischsprache? That's a special term of the linguistic sciences, hardly part of the regular German vocabulary.

http://www.bbc.com/news/world-us-canada-36395018 says "Gesellschaft is a type of social relationship": Maybe the word is used in such a context in English language? But at least it does not describe any of its original meanings, which are either company/corporation as a legal entity, the society, the companion of someone or a party.

As far as I know is a German journalist (in fact the one who had in 1992 to give the farewell of DT64 to the FM outlets in Berlin and Brandenburg) still working at Broadcasting House in London, being left over from the German service. Perhaps the BBC should use the in-house expertise it has (Kai Ludwig, Germany, dxldyg via DX LISTENNIG DIGEST)

Don't bother, Glenn! German is a very complicated and irrational language. I never heard of "Gesselsschaft" but "Gesellschaft" is a word with more than one meaning

- first it means "society"
- second it means "company" or "corporation
- third it means "party" and
- fourth it means "a group of people".

You need a lot of practice to recognize the correct meaning.

Another example - "Montage"

- first it means "(on) Mondays"
- second it means "assembly" or "montage"...
  [but surely the second is pronounced Frenchily --- gh]

If you wanna learn German, try the language lessons of Deutsche Welle...;))) How about implementing a German language course within your broadcasts...? "German with Glenn";)))

BTW, in the German language we use a lot of English or French words (from other languages too). Greetings from warm but thundery Remscheid. 73, (Manfred Reiff, ibid.)

DIGITAL BROADCASTING --- DRM See ARMENIA; NEW ZEALAND

DIGITAL BROADCASITNG --- DTV See MEXICO; USA

RADIO EQUIPMENT FORUM

DXING WHILE FLYING BLIND

As many of you know, I have recently lost my eyesight, but I have not lost my interest in the DX hobby. You might wonder, how does a blind person go about DXing? In the modern age, we have become used to being able to read frequencies directly, but I can no longer read the display! What I do is start at a known local station and count channels up or down the dial. My Sony ICF-2002 facilitates this by allowing me to punch in a frequency directly and by the step key that moves exactly 10 kHz on MW, 3 kHz on LW, and 5 kHz on SW, plus a fine tuning control. Ironically, this is similar to what I used to do in

the early 1960s when you could not read an exact frequency on the dial, so, after 50 years of DXing, I have come full circle!

Fortunately, our hobby is mostly hearing-based, rather than visual, except for looking up info on station lists. Since printed lists no longer serve me, I am in the process of converting station lists to computer files that my screen reader can recite to me verbally. In some cases, I can go to on-line sources. In other cases, I scan printed info into a Word file with OCR software. And, of course, my current log is another Word file. Admittedly, my methods are a bit clumsy, but they do work, thankfully.

Construction projects are more of a challenge without vision, but I have successfully installed a longwire antenna and done other assorted small projects. This discussion would not be complete without praising the Lions Center for the Blind for training me with needed blind skills, such as using a computer competently when you can't see the screen or use a mouse. I can't thank them enough. My advice to those having vision problems is not to get discouraged, but to get training. With modern technology ant the right training, the sky's the limit. Life is still good! 73 (Art Peterson, 851 31st St, Richmond CA 94804 awpetersonrpf @ att.net DX Forum, IRCA DX Monitor June 4 via DXLD)

### THE FUTURE OF AM RADIO

I wouldn't worry about the spectrum auctions affecting AM. The MW spectrum has little or no value to anyone except broadcasters. I do think the AM service is on life support. I think there's a good chance that in the next five years or so, the FCC will allow those AM stations that have an FM translator to shut off their AM transmitters. At that point, I would expect 20% or so of AM stations to disappear in a few days.

The financial issues at iHeart & Cumulus won't bode well for AM either. I'm 57. I think the AM service will outlive me, but I wouldn't doubt that half or more of AM stations will die before I do. == (Doug Smith W9WI, Pleasant View, TN EM66, May 29, NRC-AM via DXLD)

I generally agree with Doug on this. Though I think some thinning of the herd would be great for the band in general. There are simply too many stations, causing interference to each other ó and competing for an ever small portion of the advertising revenue.

At 54, I expect the AM band to outlive me as well. Any ideas about a conversion to digital (hybrid or full conversion) are pipe dreams, and doomed to failure. At the time of itis conversion to digital, television was indispensable and undergoing a consumer-demand driven move to High Definition. Converting to digital happened with a minimum

of fuss, because the majority of viewers were already in the process of upgrading their TV sets to HD.

But there is no such demand for AM radio, or even FM for that matter. My kids who are in their late 20is listen to Pandora, Spotify, etc. in their cars, and rarely turn on the true iradioî anymore. Strangely enough, they refer to almost anything that generates music as ithe radioî when in their cars.

I recently made a road trip from Chattanooga to Birmingham with my nephew who is in his early 20is. We listened to a FM station as we left Chattanooga, and he was surprised when the reception began to fade. He didnit even realize that different towns had different stations. When I quizzed him about this, he remarked that both he and his parents had listened to Pandora in the car for quote ias long as I can remember.î

I think the AM band will undergo a lot of ownership and programming changes over the next decade. I look for Iheart and Cumulus to divest their holdings, and begin to sell off stations that are not profitable. These stations will likely sell quickly 2-3 times to multiple owners, before finally ending up in the hands of minority ownershipóoften serving ethnic communities, sometimes in foreign languages.

We may also see a move back to more local programming, and away from satellite fed syndication. These stations simply wonít be able to generate the audience numbers required to attract national advertisers, even at cut-rate prices. To survive, theyíll need to serve their local communities more, and depend on higher rates from local businesses.

High school sports of all kinds, not just football may become an even bigger part of AM radio than it is now.

I was looking at some of the Ekko radio stamps last night (I have a small collection) and wondering if the Clear Channel stations shouldn't try to promote a `low-tech hobby' of listening to distant radio stations at night on social media sites like Pinterest. This could be a fun activity for families, especially on high-travel weekends like Memorial day or Thanksgiving.

It seems impossible, but many low tech products have made a comeback in recent years. Vinyl records, quilting, even stamp collecting has surged in popularity. Why not DXing?

That has at least as much chance at success and growing their nighttime audiences as a conversation to digital does. It's a lot

cheaper too. 73, (Les Rayburn, N1LF, 121 Mayfair Park, Maylene, AL EM63nf, ibid.)

DON'T HAND OUR TVS OVER TO GOOGLE

By JONATHAN KANTER May 30, 2016

http://mobile.nytimes.com/2016/05/30/opinion/dont-hand-our-tvs-over-to-google.html

THE cable set-top box -- a clunky technology from a bygone era that costs many consumers around \$10 a month -- is headed for an overhaul as the Internet increasingly makes its way into Americans' living rooms. But how the set-top box of the future will work -- and who will benefit most from the changes to it -- remains an open question.

Earlier this year, the Federal Communications Commission resolved to "unlock the box," requiring cable companies to give video streaming, programming and encryption data to companies like Google that make stand-alone alternatives to the traditional cable set-top box. Done right, this could unleash innovation and usher in a new era in which televisions become a direct extension of our online world. Unfortunately, the F.C.C.'s proposal threatens to replace one set of powerful gatekeepers with a new one: Google.

For years, Google has been jockeying to control the nation's TVs. If, thanks to the F.C.C., Google succeeds, it will get access to the real prize: the data that flows through these boxes. The company wants that information to help it sell advertising. (Disclosure: I represent companies opposed to Google on other issues in the United States and Europe.)

The F.C.C.'s proposal would give Google free access to the raw TV programming data it needs to power its search engine for TV. In effect, Google could use the data to become the modern version of the program guide, connecting users to the TV shows and movies that Google's search algorithms determine are relevant.

It's a simple concept: Turn on the TV, search for what you want to watch, scan the results, and then click on a link to start watching your favorite show or sporting event. But Google is missing a key ingredient for its search-centric TV. It lacks access to providers' proprietary programming information -- what shows are available when. Google cannot show a full list of TV programs in its search results without first entering into licensing agreements with cable companies to obtain that data.

The F.C.C.'s proposal would give Google access to live TV listings in its search results -- free. Not surprisingly, Google supports the F.C.C.'s proposal. But the company has been accused of troubling practices such as biasing its search results, allowing some sites to

pay for prominent display in search results and copying the content of others for its own use.

Google is said to have followed the same playbook for years: introducing a free product into a competitive space, subsidizing that product with advertising revenue, and then closing off competition through discriminatory and exclusionary practices.

In April 2015, for instance, the European Commission filed formal charges against Google, saying it rigged search results to favor its own content. Similarly, a Federal Trade Commission staff memo from 2012 revealed that Google regularly favors itself even over better alternatives. Last June, Tim Wu, a popular academic and author who coined the term "net neutrality," wrote a paper with the Harvard Business professor Michael Luca, along with the Yelp Data Science Team, demonstrating how Google favors its own Google Plus local results and reviews over more relevant alternatives.

The F.C.C. must ensure that Google doesn't engage in the same behavior when users search from their TVs. Absent F.C.C. oversight, the record suggests, Google will favor its own video services in search results just as it does today for shopping, news and other categories.

Google also has a long history of harming content providers. To attract users and advertisers to its services, Google needs content. But it loses ad dollars from additional searches when users click away from its search engine, so it often copies that content -- sometimes in small pieces -- from third parties.

For example, Google's image search engine displays high-resolution and large-format images from third-party sites, thereby promoting piracy. Google also seems to favor sites that rely on ads rather than subscription fees, a practice that has cut into news outlets' profit margins. These kinds of practices starve content providers of revenue and chill investment in content creation.

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Will Google follow the same playbook when it comes to TV? The F.C.C. needs to address this question before moving forward with its proposal.

Google also faces scrutiny from regulators and watchdog groups over accusations of user privacy, bundling of its products, abuse of open-source software and other anticompetitive and discriminatory actions.

If the F.C.C. provides Google with the data it needs to build its search-based set-top, it should take significant steps to prevent Google from continuing its questionable conduct. At a minimum, the F.C.C. should require Google to commit to search neutrality, transparency, adherence to privacy standards and restrictions on anticompetitive bundling. Without these conditions, a proposal meant to increase innovation may well stifle it.

Jonathan Kanter is an antitrust lawyer with Cadwalader, Wickersham and Taft (NY Times via Mike Cooper, DXLD)

PROPAGATION ++++++

SPORADIC E

A timely and excellent article on Es by Mike Hawk. With the peak of the sporadic E season occurring in June and July, Mike Hawk's excellent summary of what is known about Es is worth reviewing. http://www.wtfda.org/Pg1\_Articles/sporade.pdf (Doug Allen, WTFDA gg via DXLD)

Great article. Part of the allure of FM/TV skip DXing is the "sporadic" nature of Es. If it were truly predictable it would be less fun.

From time to time, I have observed what I believe is "directional" E-skip; where, for example, there may be good North to South skip, but poor or non-existent skip East-West through the same mid-point. Mike's brief discussion of cloud to cloud propagation leads to a possible explanation.

There could be two separate clouds lined up North and South that together will refract the DX signal along a North-South path, but each alone is has too low an ionization level. East to West propagation would encounter only one of the clouds which would be insufficient to completely refract the DX signal back to Earth.

Thanks for posting this very informative article (Chris Lucas - Poughkeepsie, NY - FN31bs, ibid.)

#### SOLAR CYCLE DOWNWARD

We should continue to see this overall decline in solar activity for at least the next four years. Compared to past cycles, this one is considerably weaker. But I wouldn't worry much about some reports in the media suggesting we face several future solar cycles that would be very weak. Although astrophysicists know much more about the sun than in the past, and have far better tools and resources for monitoring day-to-day activity, the record so far shows that long range forecasts have varied all over the place, and have not proved consistent or true.

Remember Mausumi Dikpati? She was the scientist who predicted that the current solar cycle (24) would be huge and record breaking, at least compared to the previous four solar cycles. It did not turn out the way we hoped. We might consider the same for more pessimistic forecasts in popular news media. Some links concerning Dikpatu and her forecast:

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http://www.hao.ucar.edu/Public/about/Staff/dikpati/
http://www.hao.ucar.edu/Public/about/Staff/dikpati/CV.html
https://en.wikipedia.org/wiki/Mausumi_Dikpati
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(Propagation Forecast Bulletin 22 ARLP022 From Tad Cook, K7RA, Seattle, WA May 27, 2016, To all radio amateurs, via DXLD)

Solar activity was very low on 23, 25, and 27-29 May with only background flare activity observed. Low levels of solar activity were observed on 24 May due to an isolated C1 flare from Region 2546 (S07, L=223, class/area=Cho/550 on 21 May) and on 26 May due to isolated C1 flares from Regions 2546 and 2548 (N13, L=171, class/area=Dsi/130 on 27 May). No Earth-directed coronal mass ejections were observed during the period.

No proton events were observed at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit was at normal to moderate levels throughout the week.

Geomagnetic field activity was at quiet levels on 23 and 25-26 May and quiet to unsettled levels throughout the remainder of the period with an isolated period of active conditions observed on 28 May due to coronal hole high speed stream influence.

FORECAST OF SOLAR AND GEOMAGNETIC ACTIVITY 30 MAY - 25 JUNE 2016

Solar activity is expected to be at very low levels with C-class flares possible throughout the outlook period.

No proton events are expected at geosynchronous orbit.

The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels on 05-07 and 12-16 Jun with normal to moderate levels expected throughout the remainder of the outlook period.

Geomagnetic field activity is likely to reach G1 (Minor) geomagnetic storm levels on 30 May and 05 Jun and active conditions are expected on 31 May and 06, 11-13, 17 and 24 Jun, all due to the influence of multiple recurrent coronal hole high speed streams. Quiet and quiet to unsettled conditions are expected throughout the remainder of the outlook period under a nominal solar wind regime.

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:Product: 27-day Space Weather Outlook Table 27D0.txt
:Issued: 2016 May 30 0216 UTC
# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction
Center
# Product description and SWPC contact on the Web
# http://www.swpc.noaa.gov/wwire.html
#
       27-day Space Weather Outlook Table
#
                 Issued 2016-05-30
#
#
    UTC
             Radio Flux
                           Planetary
                                       Largest
# Date
              10.7 cm
                                       Kp Index
                            A Index
2016 May 30
                              20
                                           5
                 80
2016 May 31
                 75
                              12
                                           4
2016 Jun 01
                 75
                                           2
                               5
2016 Jun 02
                 75
                               5
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2016 Jun 03
                 75
                               8
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2016 Jun 04
                 75
                              15
                                          3
2016 Jun 05
                                           5
                 75
                              20
2016 Jun 06
                 75
                              15
                                          4
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2016 Jun 07

2016 Jun 08

2016 Jun 09

2016 Jun 10

2016 Jun 11

2016 Jun 12

2016 Jun 13

2016 Jun 14

75

80

80

80

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80

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2016 Jui	า 15	80	8	3
2016 Jui	n 16	80	5	2
2016 Jui	า 17	80	15	4
2016 Jui	n 18	85	10	3
2016 Jui	า 19	85	5	2
2016 Jui	n 20	85	5	2
2016 Jui	n 21	85	5	2
2016 Jui	n 22	80	5	2
2016 Jui	າ 23	80	10	3
2016 Jui	n 24	80	12	4
2016 Jui	n 25	80	8	3
(SWPC via WORLD OF RADIO 1828, DXLD)				

GLENN'S PROPAGATION OUTLOOK FOR MEDIA NETWORK PLUS AS OF JUNE 2, 2016

From IPS in Australia, the global HF propagation forecast: normal to fair at low and mid latitudes; fair to poor at hi latitudes by June 4.

From Spaceweather South Africa thru June 4, magnetic conditions from quiet to unsettled to minor storm; shortwave fadeouts unlikely; MUF unstable.

From Met Office UK thru June 5, Solar activity is expected to remain at low or very low levels. Geomagnetic Activity: raising the risk of G1 minor storm (Kp5) to likely during June 4 and 5.

Petr Kolman in Prague says the Geomagnetic field will be: active to disturbed on June 4 - 5 quiet to active on June 6, 11 - 13, 17 mostly quiet on June 7 - 8, 21 quiet to unsettled on June 9 - 10, 14 - 16, 18, 22 quiet on June 19 - 20

From SWPC in Boulder: Geomagnetic field activity is likely to reach G1 (Minor) geomagnetic storm levels on June 5 with A and K indices of 20 and 5; and active conditions June 6, 11-13, 17 and 24 with A's and K's of 15 and 4 or 12 and 4. Lowest A's and K's of 5 and 2 only from June 7 to 10. Solar flux creeping up from 75 June 7 to a peak of only 85 by June 18.

Tad Cook of ARRL Propagation says: We should continue to see this overall decline in solar activity for at least the next four years. Compared to past cycles, this one is considerably weaker.

William Hepburn's VHF UHF DX maps call for extreme tropospheric ducting between Chile and Per' on June 3; off the west coast of MÈxico, increasing thru June 7. All week around the eastern and central Mediterranean and along the coast of Angola. Extremely extreme

all week around the Arabian peninsula from the Red sea to India and the Persian Gulf (via DXLD) ##